

2. The Governor in Council desires to accord his appreciation of the careful and detailed manner in which the gentlemen forming the Committee have carried out investigations and drawn up their report on the Hooghly river and its headwaters; and to thank them for their labours and for the compilation of a most interesting and valuable record.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette* and that a copy thereof, with copies of the report and maps, be submitted to the Government of India, and supplied to Departments of Government and to public bodies interested in the question.

By order of the Governor in Council,

F. A. A. COWLEY,

Secy. to the Govt. of Bengal.



The Calcutta Gazette

WEDNESDAY, SEPTEMBER 17, 1919.

SUPPLEMENT.

OFFICIAL PAPERS.

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LIBERALITY OF BABU MUKHRAM KANURIA OF CALCUTTA.

No. 2761 Marine, dated Calcutta, the 1st September 1919.

From—THE HON'BLE MR. F. A. A. COWLEY, Secretary to the Govt. of Bengal, Marine Department,

To—BABU MUKHRAM KANURIA, of the firm of Messrs. Luchminarain Bunsidhar.

I AM directed to convey to you the thanks of the Governor in Council for your liberality and public spirit in having made a gift of Rs. 1 lakh, for the construction of a Dharamsala building near Chandpal Ghât, for the accommodation of third class passengers by the Burma steamers.

**REPORT ON FAMINE IN THE DISTRICT OF BANKURA FOR
THE WEEK ENDING 6TH SEPTEMBER 1919.**

DURING the week the rainfall was general and sufficient. The agricultural prospects are favourable. Seventy-two relief works were open, the number of persons employed on them having been 8,923. The total number of persons on gratuitous relief was 14,724, viz., 9,576 persons on cash doles in 125 unions, 3,683 on paddy-husking advances, 885 weavers and 580 better class poor. The grand total of persons relieved was 23,647. The decrease in the number of persons relieved on cash doles was due to the improvement in the situation. The number of persons relieved on private works was 750. The charitable societies also relieved 634 persons by weekly doles and 900 persons by daily rice doles and cooked food. Two cases of theft of rice and one of grain-looting were reported during the week. Public health is generally good. Outbreak of malaria is reported from certain localities. Cloth is being distributed to destitutes. The relief measures are adequate. The price of common rice varies from $4\frac{1}{2}$ to $5\frac{1}{2}$ seers in the rupee. The rise in the price of rice is reported to be due to heavy rain and difficulty of transport by road. Burma rice is being supplied for sale.

M. C. MCALPIN,
Secy. to the Govt. of Bengal.

DARJEELING, *the 11th September 1919.*

**RESOLUTION ON THE ADMINISTRATION OF THE
CHITTAGONG HILL TRACTS.**

GOVERNMENT OF BENGAL.

POLITICAL DEPARTMENT.

Political Branch.

DARJEELING, THE 12TH SEPTEMBER 1919.

RESOLUTION—No. 2476P.D.

READ—

The Report on the Administration of the Chittagong Hill Tracts.

During the last two years, the question of the administration of the Chittagong Hill Tracts has engaged the attention of the Government of Bengal. The substitution of territorial for tribal administration, the extension of settled cultivation among the hillmen and the general advance of civilisation have raised new problems and have rendered necessary some development of the administrative system.

A full report on the whole question has been submitted by Mr. F. D. Ascoli, I.C.S., who has deputed to the Hill Tracts in 1918 to make a thorough examination of the existing revenue arrangements and the system of land settlements, and to submit proposals for a reformed system making adequate provision for securing the rights of the cultivators, the headmen and the village community. It is neither possible nor desirable to pass orders immediately on Mr. Ascoli's detailed proposals. They must await further investigation by the new revenue agency which it is clearly necessary to set up. His Excellency the Governor has, however, recently visited Rangamati and has discussed the whole problem with the local officers and the Chiefs, and it is desirable to set forth the general lines of the policy which Government have decided to adopt.

3. The first and most important question is the regulation of plough cultivation* which has extended greatly during the past fifty years. In 1868, there was only one small plough lease in existence. At present, according to the returns, which are admittedly imperfect, there are 16,463 plough holdings, covering an area of 42,667 acres and paying a revenue of over Rs. 75,000. These figures show conclusively that the hillman is capable of settled cultivation and that provision must be made for such cultivation as a permanent feature of the administration. It is, however, unsatisfactory to find that one-eighth of the area under plough cultivation is held by the Chiefs and that subletting has been sanctioned in more than one-tenth of the area, while the area actually sublet is very much greater. The policy of Government to settle lands direct with hillmen cultivators has therefore been to a large extent frustrated. Under existing arrangements, the sublessees have no rights of any kind in the land; such rights as exist are getting into the hands of the wrong people, and it is necessary to take steps for the protection of the actual cultivators. Unless a proper tenancy system is introduced, the district will find itself saddled with the worst of all agricultural systems, where the land is held by middlemen tenants cultivating through raiyats who are little better than labourers.

4. The provisions regarding transfers and subletting in the existing rules are as follows :—

"All lands held for plough cultivation on lease from Government under whatever rules they have been or may be granted, are subject to the condition that they cannot be sublet or transferred, except on hereditary succession or with the consent of the Commissioner. No partitions can be made without the consent of the Commissioner. For a tenant temporarily to make over his holding to another person in the case of illness, incapacity, minority, absence on a journey or in the like exigency, is not to sublet; but in no such case can the tenant recover from his substitute or trustee a higher rent than he has himself to pay."

This rule, if properly worked, ought to suffice to prevent undesirable subletting and transfers; but in the absence of any clearly defined policy, and in part owing to the multiplicity of authorities empowered to grant leases, it has not been properly worked. It would, in fact, appear that in order to encourage the spread of plough cultivation, leases have been granted under which the lessees have been deliberately allowed to take up more land than they could cultivate themselves, with the intention that they should establish tenants upon it. The Governor in Council is convinced that this policy is mistaken. Plough cultivation is probably extending as rapidly as desirable, and in any case it is better that its extension should be temporarily checked rather than that it should be stimulated by the adoption of unsound methods. It has accordingly been decided that the settlement of lands shall be regulated in future by the following principles:—

- (1) Leases will be sanctioned by the Deputy Commissioner and by no other authority. No lessee shall be permitted to hold more than 25 acres in all, and leases will be granted only to hillmen, provided that non-hillmen of the cultivating classes actually resident in a village at present may be given a lease in that village up to the maximum of 25 acres.
- (2) No subletting shall be allowed, except with the sanction of the Deputy Commissioner which shall only be given to meet cases of temporary incapacity, such as minority, illness or temporary absence.
- (3) The rent of sub-tenants duly authorised by the Deputy Commissioner shall not exceed by more than 50 per cent. the rent paid by their landlords to Government for the area sublet.
- (4) So-called labourers who are remunerated by a share of the produce will be treated as sub-tenants, and, if they are recognised by the Deputy Commissioner, their rents will be regulated by rule (3) above.
- (5) Transfers will be absolutely prohibited, except that the Deputy Commissioner will be authorised to sanction usufructuary mortgages for a period not exceeding seven years, and providing for the extinction of the whole debt, including principal and interest, within that period, subject to the condition that the mortgage will not in any event be extended beyond that period. Unauthorised transfers will in no circumstances be recognised unless the transferee has obtained a prescriptive right by twelve years' possession, the burden of proving which will lie on him.
- (6) In all cases of unauthorised sub-leases or transfers, the Deputy Commissioner will be empowered to resume the land and to resettle it with the transferor or lessor, or with the transferee or sublessee, or with another hillman raiyat of the village, according to circumstances.

5. The question of the application of these rules to pre-existing leases will require further examination. In a few of the older leases, subletting seems to have been recognised or at any rate not definitely forbidden, and the indiscriminate resumption of lands might lead to hardship. At the same time, leases of lands in the Hill Tracts have always been given for the purpose of bringing land under cultivation, and no rents are paid on lands under the present system until they are brought under cultivation. An essential preliminary to the effective introduction of the new rules will be a detailed survey and record-of-rights, which will bring to light the lands held under existing leases, and the question of their treatment can be considered further when the facts are known in fuller detail. If it is decided to allow subletting in such cases, it will be necessary to secure to the sub-tenants full rights of occupancy and protection against rackrenting.

6. It has further been represented that a holding of 25 acres is insufficient for the maintenance of a headman, and that in their case the area should be increased to 50 acres, with permission to sublet at least a portion of the

holding. The Governor in Council will be willing to consider this matter further in connection with the revision of the lists of headmen, a matter which is discussed below. If subletting by headmen is allowed, full provision will have to be made for the protection of their sub-tenants.

7. As already stated, a survey and the preparation of a detailed record-of-rights form an essential preliminary to the introduction of the policy of settling land direct with the actual cultivators, who are to be given rights of occupancy, but no right to transfer or sublet without special sanction and for special reasons. Arrangements for carrying out these operations will be made in due course. It is proposed to entrust them to the ordinary district staff, but an agency for the inspection and co-ordination of the work in different areas will be provided, if necessary. Eventually the terms and conditions under which the land is held will be embodied in the record-of-rights, and it will be possible to dispense with lease forms. Meanwhile leases will continue to be issued in simple *amalnama* forms, providing for an initial rent-free period with subsequent decennial settlements of rent. The question whether there should be an intermediate period before full occupancy rights are granted, in order to ensure land being brought under cultivation, will be examined later. A further matter for investigation during the preparation of the record-of-rights will be the accumulation of arrears of rent and the measures to be taken to put the annual revenue demand on a proper footing.

8. The completion of the record-of-rights will render possible the introduction of certain reforms in the system of assessment and collection of land revenue, but it is unnecessary to discuss these in detail at present. Special measures will be necessary to train the headmen in the new system, and this will be one of the most important duties of the new staff. It has been suggested that the revenue demand might be paid direct to the Deputy Commissioner instead of through the Chiefs as at present, and no legal objections could be raised to such a course which would have certain practical advantages. It has always been held that the property in the land in the Hill Tracts belongs to Government, and that Government recognises in the Chiefs only a delegated power to collect the revenue on its behalf. That delegation could be withdrawn at any time, if developments of the revenue system rendered such a course advisable. In view, however, of the functions which the Chiefs have hitherto carried out in this respect, the Governor in Council is unwilling to deprive them of all connection with the revenue administration in the future. They have given an assurance of loyal co-operation in any reforms which it may be necessary to introduce, and so long as they fulfil their functions to the satisfaction of Government they will be allowed to continue to act as the agents of Government in the collection of the plough rents.

9. In the matter of the *jum* tax, it is not proposed to make any important alterations in the present system. The tax was settled in 1915 for a period of ten years, and it is said that the assessment is on the whole equitable. Mr. Ascoli's proposals for a revision of the incidence of the tax and of the list of exempted persons may therefore stand over till the next settlement. The reforms which he suggests in regard to the accounts and receipt forms and the adoption of kist days should, however, be given effect to at once.

10. Along with the *jum* tax are levied certain unauthorised *abwab* and *nazars*, some by the headmen and some by the Chiefs. It has been proposed that these should be definitely declared illegal and forbidden, but further enquiry is necessary before final orders can be passed. The Commissioner has been asked to submit a report on the subject.

11. No important changes are contemplated in the administration, apart from the revenue system. The Chiefs have asked for enhanced criminal powers, but it is impossible to grant these in the present state of their courts, and until inspection has shown a marked improvement in efficiency. It has, however, been decided to raise the limit of their jurisdiction in the matter of offences against property to cases where the value of the property does not exceed Rs. 50. The present irregular investigation of police cases by

the Chiefs must cease and cognisable crime must be reserved for the regular police force.

12. One question of fundamental importance in connection with the administration of the Hill Tracts is the appointment of village headmen. Under the existing rules, the headmen are appointed by the Superintendent after consultation with the Chiefs and the villagers, and a headman may be dismissed by the Superintendent for misconduct or incompetence. The appointment is not hereditary, but a son when competent may be appointed to succeed his father. This system should, in theory, give the Superintendent ample power to secure the appointment of competent headmen; but, in practice, the results are far from satisfactory. The office of headman in many villages is held by minors and absentees, while in some villages the Chiefs themselves exercise the powers of headman through paid subordinates. These arrangements cannot be allowed to continue. The appointment of competent resident headmen is essential for the working of any system of administration in an area like the Hill Tracts, and the reformed revenue system which it is proposed to introduce will be unworkable without it. Steps must, therefore, be taken to appoint competent resident headmen in all villages where the existing headmen are minors or absentees, or otherwise incapable of performing their duties. The Chiefs will no longer act as headmen, except in the villages in which they themselves reside. They have represented that they should receive compensation for the loss of their income as headmen in other villages, and their claim will be considered on receipt of further particulars, which they have been called upon to furnish. In the case of those minor headmen whose appointment has been recognised by the Superintendent, temporary arrangements may be made for carrying on the duties of headmen, until the minors become capable of taking up their posts. Subject to this exception, the list of headmen must be thoroughly revised on local enquiry, and the District Officer must satisfy himself that only men who are thoroughly competent to perform their duties and enjoy the confidence of the people are allowed to retain their posts. Consultation with the villagers regarding the selection of headmen is essential and should not be allowed to degenerate into a mere formality.

13. In regard to the official administration of the district, it is proposed to substitute a member of the Indian Civil Service as Deputy Commissioner for the existing Superintendent, and to divide the district into three subdivisions corresponding with the Chiefs' circles, each in charge of a Subdivisional Officer, who will be directly responsible to the Deputy Commissioner for the administration of his subdivision. These changes will be introduced about the beginning of the next financial year. The new Deputy Commissioner will in the first place proceed to make himself acquainted with the district and its inhabitants and will arrange to start an experimental survey and record-of-rights in selected typical areas during the cold weather of 1920-21. In the course of these operations, which will be supervised by the Director of Land Records, it should be possible to devise a suitable procedure and rules, and to draw up a programme for the extension of the operations throughout the district.

14. Meanwhile the Commissioner should examine the rules and orders at present in force and report what changes are necessary in order to enable the first steps in administrative reform to be taken by the introduction of the new revenue agency. The Chiefs strongly deprecate the issue of an entirely new set of rules immediately, and urge with some reason that the people will find it easier to grasp the new system if amendments are made and new rules inserted gradually as necessity arises. The Governor in Council fully sympathises with this point of view. It has always been a tradition with the officers responsible for the administration of the Hill Tracts that they should carry the Chiefs and people with them as far as possible, and this tradition must be maintained. Many of the unsatisfactory features which have been discovered in the administration are due rather to failure to apply existing rules than to defects in the rules themselves, and a violent breach with the past is both unnecessary and undesirable. In enforcing the policy now formulated by Government the object of the local officers should be quietly and

tactfully to repair existing defects and to secure the co-operation of the Chiefs and the people in all the measures undertaken for this purpose.

The main objects of that policy are accepted by all. They may be described briefly as the settlement of land direct with hillmen cultivators, and the preparation of a record-of-rights for their protection; and in the administrative sphere, the gradual and tactful enforcement of the principle that in every mauza there shall be a resident headman capable of performing the duties imposed upon him, and that the Chiefs should be given every opportunity of co-operating loyally in the reformed revenue administration. In course of time, extensive changes in the rules will no doubt be found necessary, but it is not desirable to frame hard-and-fast rules until the Deputy Commissioner has had opportunities of studying the problem in detail and of making experiments in regard to the measures required to give effect to the policy of Government. For the present, therefore, no alterations should be made in the existing rules beyond those which are necessary in order to enable the new revenue administration to be set up.

15. Not the least valuable portion of Mr. Ascoli's report is that which deals with the economic condition of the district, and it is from no want of appreciation of the importance of this question that the Governor in Council has refrained from discussing it in this Resolution. The transition from nomadic to settled cultivation is bound to create troubles and difficulties, calling for constant care and watchfulness, and it will be an important part of the duties of the new administrative agency to do all that can be done to assist the people at this juncture. Further investigation of the problem is necessary before any definite action can be taken, but the Governor in Council, as a preliminary measure, has arranged for the establishment of an agricultural farm at Rangamati and the appointment of a district agricultural officer whose duty it will be to make a thorough study of the agricultural conditions of the district, with special reference to the improvement of existing methods of cultivation, whether by *jum* or by plough.

ORDER.—Ordered that this Resolution be published in the *Calcutta Gazette* and that it be forwarded to the Commissioner of the Chittagong Division, for information and necessary action.

Ordered also that copies of the Resolution be forwarded to the Revenue and Appointment Departments, for information and necessary action.

By order of the Governor in Council,

J. H. KERR,

Chief Secy. to the Govt. of Bengal.

DEPARTMENT OF AGRICULTURE. BENGAL.

Preliminary Forecast of the *Bhadoi* crops of Bengal, 1919-20.

[*Note*.—On an average of the five years ending 1917-18 the area under autumn rice in Bengal has represented some 6·5 per cent. of the total area under rice in British India.]

Character of the season.—The weather at sowing time and subsequently was generally favourable in West Bengal but in North and East Bengal a prolonged drought in the early part of the season retarded sowings to some extent, and in one or two cases damaged the crops after germination. The latter part of the season has been generally good and the season, as a whole, may be regarded as having been fairly favourable and better than last year. Some damage by flood and insect has been reported from the Presidency Division, Pabna, Malda, Faridpur and Bakarganj.

Acreage.—The total area sown this year with the different *bhadoi* crops is reported to be 5,991,900 acres against 5,937,200 acres and 5,933,300 acres, respectively, in the corresponding and final forecasts of last year. Of this, the area under autumn rice is estimated at 5,123,300 acres against 5,046,300 acres and 5,066,600 acres in the corresponding and final forecasts of last year.

Outturn.—According to the District Officers' estimates, the outturn of the different *bhadoi* crops for the Province works out to 84 per cent. of the normal against 81 and 77 per cent. reported, respectively, in the corresponding and final forecasts of last year. Autumn rice, the most important of the *bhadoi* crops, shows an outturn of 86 per cent. for the Province against 81 and 77 per cent. reported, respectively, in the corresponding and final forecasts of last year.

ROBERT S. FINLOW,

Offg. Director of Agriculture, Bengal.

Dacca,

The 11th September 1919.

APPENDIX.

Preliminary Forecast of the *Bhadol* Crops of Bengal, 1919-20.

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
24-PARGANAS.		Acres.	Acres.	Acres.				
	<i>Bhadol</i> paddy (autumn rice).	73,400	62,900	62,300	75	83		
	Indian-corn (maize) ...	...	100	100	67	67		
	Other <i>bhadol</i> cereals ...	3,600	2,400	1,700	67	50		
	Other <i>bhadol</i> pulses ...							
	<i>Bhadol</i> fruits and vegetables, including root-crops.	1,500	3,800	3,000	58	75	Middle of April to June. Early.	The decrease in area is due to unfavourable weather at sowing time. Damage to some extent was caused at certain places by heavy rainfall and insects. Hence the outturn is below the normal.
	Other <i>bhadol</i> food-crops.	5,600	2,200	2,100	32	75		
	<i>Bhadol</i> fodder crops other than jowar, bajra, marna and maize.	...	200	200	83	50		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	100	1,200	1,100	75	67		
	Total ...	84,000	72,800	70,500	74	81		
NADIA.	<i>Bhadol</i> paddy (autumn rice).	491,100	472,800	457,800	83	100		
	Mandua, marna or ragi	100	...	300	...	67		
	Indian-corn (maize) ...	800	...	100	...	67		
	Other <i>bhadol</i> cereals ...	8,000	5,700	5,200	67	67		
	Other <i>bhadol</i> pulses ...							
	Indigo ...	1,000	5,000	7,800	67	67		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	6,400	2,100	2,400	38	58	April and May. Normal.	The decrease in area is due to a portion of paddy lands set apart for late cultivation and to paucity of labour after the influenza epidemic.
	Other <i>bhadol</i> food-crops.	5,800	1,900	2,100	50	67		
	<i>Bhadol</i> fodder crops other than jowar, bajra, marna and maize.	1,800	3,000	3,100	58	67		
	Mulberry ...	(20)	...	...	...	...
	<i>Bhadol</i> fibres other than jute.	...	...	200	...	67		The weather has been favourable on the whole. Damage to some extent was done by excessive rainfall.
	<i>Bhadol</i> non-food crops other than fodder and fibres.	8,600	15,700	15,700	67	67		
	Total ...	523,900	506,200	494,800	82	97		
MURSHIDABAD.	<i>Bhadol</i> paddy (autumn rice).	229,700	177,900	190,400	75	92		
	Jowar ...	100	100	...	100	.....	
	Bajra ...	500	300	200	83	92		
	Mandua, marna or ragi	500	500	1,000	75	42		
	Indian-corn (maize) ...	1,000	1,000	1,200	83	83		
	Other <i>bhadol</i> cereals ...	3,500	4,000	2,300	67	75		
	Other <i>bhadol</i> pulses ...	2,000	1,100	1,100	67	67		
	Indigo ...	...	5,100	2,500	75	75		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	2,000	1,700	2,000	58	83	April to June. Normal but a little late in Lalbagh subdivision.	The increase in area principally under " <i>bhadol</i> paddy," is due to failure of winter paddy in many places last year. The weather was not favourable at sowing time owing to want of rain but has subsequently been favourable. The damage caused by flood in Jangipur and Lalbagh subdivisions is about 17 per cent. A normal crop was expected but for the damage caused by flood in some parts.
	Other <i>bhadol</i> food-crops.	5,000	2,800	2,500	75	75		
	<i>Bhadol</i> fodder crops other than jowar, bajra, marna and maize.	2,500	2,200	2,900	67	75		
	<i>Bhadol</i> fibres other than jute.	400	400	600	67	83		
	Mulberry ...	4,000	3,200	4,800	67	75		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	20,000	4,800	3,900	75	67		
	Total ...	271,200	205,100	216,100	78	90		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
JESSORE.	<i>Bhadol</i> paddy (autumn rice).	Acres. 407,300	Acres. 365,000	366,460	75	83	April and May; generally late.	The weather was unfavourable at sowing time in some parts of the district. Subsequently it has been favourable excepting in the Narail subdivision, where the crop has been damaged by flood and insects. No damage is reported from other parts of the district.
	Other <i>bhadol</i> cereals ...	12,200	9,100	9,900	58	75		
	Other <i>bhadol</i> pulses ...	12,200	8,600	8,300	60	75		
	Other <i>bhadol</i> food-crops.	1,200	700	500	50	67		
	<i>Bhadol</i> fodder crops other than jowar, bajra, marua and maize.	12,100	1,000	1,100	60	83		
	<i>Bhadol</i> non-food crops other than fodder and fibres.							
	Total ...	445,000	384,400	386,260	74	83		
KHULNA.	<i>Bhadol</i> paddy (autumn rice).	17,800	20,200	23,300	100	100	April; normal ... Middle of May; normal. May; normal.	The increase in area under ' <i>bhadol</i> paddy' is due to high price of rice this year. The weather was favourable since sowing time, but heavy rain and flood during the latter part of July have caused some damage to the crops. Hence the outturn has fallen below the normal.
	Other <i>bhadol</i> cereals ...	200	100	100	85	93		
	Other <i>bhadol</i> pulses ...	600	400	400	85	83		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	14,800	13,000	13,300	85	75		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	200	100	100	92	100		
	<i>Bhadol</i> fodder crops other than jowar, bajra, marua and maize.	200	100	100	92	100		
	Total ...	33,700	33,800	36,800	94	91		
BURDWAN.	<i>Bhadol</i> paddy (autumn rice).	140,000	110,700	121,300	83	100	Middle of May to middle of June; normal. Beginning of July.	The increase in area as compared with last year is due to timely rainfall. The weather has been favourable.
	Mandua, marua or ragi ...	(50)	(50)	(50)	63	83		
	Indian corn (maize) ...	3,000	1,000	1,200	67	100		
	Other <i>bhadol</i> cereals ...	1,000	600	600	92	83		
	Other <i>bhadol</i> pulses ...	1,200	1,000	1,000	83	83		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	2,000	2,600	2,700	75	92		
	Other <i>bhadol</i> food-crops.	1,700	1,100	1,000	92	83		
	<i>Bhadol</i> fodder-crops other than jowar, bajra, marua and maize.	200	200	200	100	83		
	<i>Bhadol</i> fibres other than jute.	6,000	4,500	4,300	92	92		
	Mulberry ...	100	...	...	...	...
	<i>Bhadol</i> non-food crops other than fodder and fibres.	4,000	2,100	2,000	83	83		
BIRBHUM.	Total ...	160,200	123,800	134,300	83	100		
	<i>Bhadol</i> paddy (autumn rice).	144,100	133,100	133,100	83	92	July; normal ...	The weather has been fair.
	Indian corn (maize) ...	1,900	1,900	1,900	75	92		
	Other <i>bhadol</i> cereals ...	1,400	1,200	1,200	67	100		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	10,000	10,000	10,000	67	83		
	Mulberry ...	1,000	(35)	100	67	83		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	2,800	2,800	2,800	100	100		
	Total ...	161,200	149,000	149,100	82	92		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year and whether that date was early normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
BANKURA.	<i>Bhadol</i> paddy (autumn rice).	Acres. 21,900	Acres. 5,500	Acres. 6,000	92	108	Middle of May. Normal.	The weather has been favourable, the rainfall being seasonable and abundant.
	Bajra	800	700	700	83	108	Middle of June. Normal.	
	Mandua, marua or ragi	1,100	800	900	83	108		
	Indian corn (maize) ...	8,400	3,200	4,000	83	108		
	Other <i>bhadol</i> cereals ...	2,000	1,500	1,500	83	108		
	Other <i>bhadol</i> pulses ...	2,000	1,500	1,500	83	108		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	2,000	1,500	1,500	88	100	June. Normal.	
	Other <i>bhadol</i> food-crops	3,700*	4,400	4,000	67	100		
	<i>Bhadol</i> fibres other than jute.	800	700	1,000	83	108		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	1,200	1,800	1,800	75	100		
	Total ...	43,900	21,600	22,900	81	105		
MIDNAPORE.	<i>Bhadol</i> paddy (autumn rice).	265,400	102,700	110,700				The increase in area is due to favourable weather condition at sowing time. Cultivators were also anxious to compensate themselves for failure of the last winter rice crop. Heavy rainfall in August did damage to some extent. Owing to submersion of the crops in certain areas the outturn is expected to be below the normal. The figures for normal areas have been revised on the basis of settlement records.
	Jowar	830	...	500				
	Bajra	1,200	1,400	500				
	Indian corn (maize) ...	8,000	6,000*	5,000				
	Indigo	100	...	...		
	Other <i>bhadol</i> cereals ...	10,100	5,400	10,500				
	Other <i>bhadol</i> pulses ...	24,300	6,200	8,400				
	<i>Bhadol</i> fruits and vegetables, including root-crops.	26,000	4,400	7,800	85	90	April and May. Normal.	
	Other <i>bhadol</i> food-crops.	7,400	5,300	5,600				
	<i>Bhadol</i> fodder crops other than jowar, bajra, marua and maize.	500	600	900				
	<i>Bhadol</i> fibres other than jute.	1,100	1,300	1,600				
	Mulberry	10,200	100	100				
	<i>Bhadol</i> non-food crops other than fodder and fibres.	400	4,300	2,800				
	Total ...	380,500	137,700	254,400	83	90		
HOOGHLY.	<i>Bhadol</i> paddy (autumn rice).	45,500	29,800	37,100	76	90		The decrease in area under " <i>bhadol</i> paddy," " <i>bhadol</i> fruits and vegetables etc." and " <i>other bhadol</i> food crops" was due to want of rain at sowing time. The weather was not favourable at sowing time but subsequently it has been favourable. The outturn is expected to fall below the normal owing to want of rain at sowing time. There has been a slight damage in Sadar subdivision on account of drought.
	Indian corn (maize) ...	200	100	100	100	80		
	Other <i>bhadol</i> cereals ...	600	400	400	45	100		
	Other <i>bhadol</i> pulses ...	100	100	200	65	100		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	3,100	3,800	3,600	65	99		
	Other <i>bhadol</i> food-crops	1,700	600	60	72	100	In Arambagh 1st week of July; late. Elsewhere from the middle of May to June, Normal.	
	<i>Bhadol</i> fodder crops other than jowar, bajra, marua and maize.	100	100	100	30	100		
	<i>Bhadol</i> fibres other than jute.	100	100	100	84	100		
	Mulberry	100	...	...	...	...
	<i>Bhadol</i> non-food crops other than fodder and fibres.	500	...	...	...	...
	Total ...	51,900	35,000	31,700	75	91		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
HOWRAH.	<i>Bhadol</i> paddy (autumn rice).	Acres. 18,500	Acres. 7,700	Acres. 9,590	50	100	Middle of May. Normal.	The increase in area under " <i>bhadol</i> paddy" was due to timely rainfall as well as to high price of paddy. The weather has been favourable.
	Indian-corn (maize) ...	200	100	100	67	88		
	Other <i>bhadol</i> cereals ...	1,300	900	1,000	50	75		
	Other <i>bhadol</i> pulses ...							
	<i>Bhadol</i> fruits and vegetables, including root-crops.	17,200	5,300	6,000	67	69		
	Other <i>bhadol</i> food-crops	2,700	1,400	1,200	58	58		
	<i>Bhadol</i> fodder-crops other than jowar, bajra, marua and maize.	1,500	400	500	58	67		
	Total ...	41,500	15,800	18,300	57	85		
RAJSHAH.	<i>Bhadol</i> paddy (autumn rice.)	300,000	265,000	297,400	51	90	Middle of August to middle of September. Normal.	The increase in area under " <i>bhadol</i> paddy" is due to more extensive cultivation to get a rice crop early after last year's loss. Owing to insufficient rain the weather was not favourable at sowing time but it has subsequently been favourable. The outturn is below the normal owing to want of rain at sowing time.
	Jowar ...	100	200	200	47	60		
	Mandua, marua or ragi	200	200	200	50	50		
	Indian-corn (maize) ...	1,100	1,300	1,300	61	56		
	Other <i>bhadol</i> cereals ...	5,800	6,000	6,000	50	65		
	Other <i>bhadol</i> pulses ...	2,000	1,900	1,900	50	50		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	2,200	3,500	3,500	48	62		
	Other <i>bhadol</i> food-crops.	1,500	3,000	3,000	40	60		
	<i>Bhadol</i> fodder-crops other than jowar, bajra, marua and maize.	4,500	4,800	4,800	40	60		
	<i>Bhadol</i> fibres other than jute.	500	400	400	67	67		
	Mulberry ...	1,000	700	700	67	62		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	600	900	900	60	67		
	Total ...	319,500	307,900	329,300	51	88		
DINADPUR.	<i>Bhadol</i> paddy (autumn rice).	130,700	153,700	119,600	71	74	Last week of April. Normal.	The decrease in area under " <i>bhadol</i> paddy" and " <i>bhadol</i> fodder-crops" was due to want of sufficient rain at sowing time. The weather was not favourable at sowing time but subsequent rainfall improved the condition.
	Jowar ...	1,200	1,700	1,900	58	77		
	Bajra ...	100	300	300	73	69		
	Mandua, marua or ragi	...	200	300	83	91		
	Indian-corn (maize) ...	1,000	900	900	71	64		
	Other <i>bhadol</i> cereals ...	1,600	400	500	64	48		
	Other <i>bhadol</i> pulses ...	900	400	700	59	72		
	<i>Bhadol</i> fruits and vegetables, including root-crops.	1,700	1,200	1,300	59	66		
	Other <i>bhadol</i> food-crops	100	300	1,300	60	72		
	<i>Bhadol</i> fodder-crops other than jowar, bajra, marua and maize.	...	500	400	64	73		
	<i>Bhadol</i> non-food crops other than fodder and fibres.	300	...	...	...	...
	Total ...	137,600	150,600	127,900	71	74		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
JALPAIGURI.	Bhadol paddy (autumn rice).	196,000	172,400	108,900	80	95	April. Normal. ...	The decrease in area was due to want of timely rainfall and to diseases prevailing among cultivators in the Duars.
	Mandua, marua or ragi	300	200	200	66	100		
	Indian corn (maize) ...	4,000	2,700	3,600	80	100		
	Other bhados cereals ...	2,100	1,000	900	70	75		
	Other bhados pulses ...	2,300	1,700	2,000	70	90	April to August in the Duars.	The weather has not been favourable. The effects of weather on the cultivation and growth of the crops have been fair.
	Bhadol fruits and vegetables, including root-crops.	15,500	12,100	12,500	70	75		
	Other bhados food crops	9,300	5,800	6,500	70	90	April. Normal.	
	Bhadol fodder crops other than jowar, bajra, marua and maize.	5,000	5,000	3,000	75	100		
	Bhadol fibres other than jute.	100	100	100	70	70		
	Bhadol non-food crops other than fodder and fibres.	2,000	2,000	2,000	75	100		
	Total ...	236,600	204,000	141,700	79	93		
DARJEELING.	Bhadol paddy (autumn rice).	7,200	3,800	3,700	85	83	Middle of April to end of June. Normal.	There was want of rain at sowing time. The weather has been fair. Some damage was caused to the crops by hail in some places and also by want of rain in April and May.
	Mandua, marua or ragi	5,300	2,600	3,800	77	83		
	Indian corn (maize) ...	40,300	48,700	48,700	92	100		
	Other bhados cereals ...	2,200	700	700	92	67		
	Other bhados pulses ...	1,700	1,600	1,600	100	108	March. Normal. ...	The decrease in area is due to small area sown this year in the Niphamari subdivision. The acreage has been ascertained this year from the schedules submitted by panchayats.
	Bhadol fruits and vegetables, including root-crops.	400	300	100	100	100		
	Tea ...	52,000	54,700	54,700	100	108		
	Other bhados food-crops	5,200	4,400	4,400	92	100		
	Bhadol fodder-crops, other than jowar, bajra, marua and maize.	...	100	100	100	67	March. Normal.	The weather was not favourable at sowing time and the growth of the plants was retarded by want of rain in the latter part of April and May. Later on, the weather has been favourable. Except from want of rain, there has been no appreciable damage.
	Other bhados non-food crops other than fodder and fibres.	2,500	1,800	1,100	92	67		
	Total ...	115,500	119,300	118,700	95	102		
RANGPOO.	Bhadol paddy (autumn rice).	229,500	210,100	226,900	90	83	March. Normal. ...	The decrease in area is due to small area sown this year in the Niphamari subdivision. The acreage has been ascertained this year from the schedules submitted by panchayats.
	Jowar ...	200	300	200	100	100		
	Indian corn (maize) ...	100	100	100	100	75	April. Normal.	
	Other bhados cereals ...	20,000	4,900	5,200	80	66		
	Other bhados pulses	August. Normal.	
	Bhadol fruits and vegetables, including root-crops.	10,000	1,400	3,600	90	80		
	Other bhados food-crops	18,000	900	600	90	65		
	Bhadol non-food crops other than fodder and fibres.	50,000	20,000	20,000	100	80		
	Total ...	380,800	357,700	326,700	90	83		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
BOGRA.		Acres.	Acres.	Acres.				
	Bhadol paddy (autumn rice.)	140,000	111,700	125,000	60	87		
	Jowar ... ..	.....	100	100	80	90		
	Bajra ... ..	.....	(10)	(10)	.....	75		
	Mandua, marua or ragi	.....	(20)	(10)	87	100		
	Indian-corn (maize) ...	.....	3,000	2,000	75	75		
	Other bhadol cereals ...	2,500	1,500	1,500	25	50		
	Other bhadol pulses ...	.....	400	300	36	48		
	Bhadol fruits and vegetables, including root-crops.	2,000	200	300	67	60	March to June. Late in the western part and normal elsewhere.	The increase in area was due to the failure of crops last year owing to flood and drought. The weather was not favourable at sowing time but subsequently it became favourable and the outturn expected is fair.
	Other bhadol food-crops	2,000	400	400	35	80		
	Bhadol fodder-crops other than jowar, bajra, marua and maize.	.....	100	100	45	65		
	Mulberry	100	(8)	(5)	45	90		
PABNA.	Bhadol non-food crops other than fodder and fibres.	200	.....	.....	.....	.....
	Total ...	146,800	117,400	129,700	60	86		
	Bhadol paddy (autumn rice.)	140,000	180,000	172,500	60	79		
	Indian corn (maize) ...	...	...	100	...	62		
	Other bhadol cereals ...	8,000	6,500	6,100	66	79		
	Other bhadol pulses ...	...	...	100	...	62	Latter part of April. Late.	The decrease in area was due to unfavourable weather condition at sowing time. Want of rain greatly damaged the crops but the rainfall in June improved the growth of the crops. About 21 per cent. of the crops was damaged by sudden flood in July.
	Bhadol fruits and vegetables including root-crops.	30,000	30,000	14,900	66	71		
	Bhadol fodder-crops other than jowar, bajra, marua and maize.	3,500	3,500	700	66	71		
	Bhadol fibres other than jute.	...	...	600	...	62		
	Total ...	181,500	220,000	195,000	61	78		
	Bhadol paddy (autumn rice.)	278,600	254,000	249,200	100	92		
	Jowar	1,800	1,300	1,300	100	92	By the end of April. Normal.	The slight decrease in area under "bhadol paddy" is due to increased cultivation of some other bhadol crops.
MALDA.	Bajra	1,400	1,200	1,200	80	83		
	Mandua	1,600	1,300	1,300	50	67		
	Indian-corn (maize) ...	25,700	16,000	16,000	75	50	Middle of June Late.	After sowing the growth of the crops was retarded for want of rain but from the middle of July up till now the condition has been favourable. Damage to some extent has been done to bhadol paddy and maize by flood. The decrease in outturn is due to retarded growth.
	Other bhadol cereals ...	2,200	3,300	3,800	80	50		
	Other bhadol pulses ...	100	100	100	80	83		
	Bhadol fruits and vegetables, including root-crops.	2,700	6,300	8,500	80	67		
	Mulberry	8,000	13,800	13,800	100	92		
	Other bhadol food-crops	20,000	19,400	19,500	80	83	Middle of May. Normal.	
	Bhadol fodder-crops, other than jowar, bajra, marua and maize.	2,000	1,100	2,000	60	58		
	Bhadol fibres other than jute.	7,000	1,500	1,500	60	58		
	Bhadol non-food crops other than fodder and fibres.	3,400	3,000	3,000	75	67		
	Total ...	363,500	322,400	321,500	96	87		
DACCA.	Bhadol paddy (autumn rice.)	238,720	267,000	267,400	87	84		
	Bhadol fruits and vegetables, including root-crops.	5,000	4,000	4,100	75	76	June to August. Normal.	Want of sufficient timely rain injuriously affected the cultivation and growth of the crops. The outturn is below the normal owing to drought and scanty rainfall.
	Other bhadol food-crops	28,500	19,500	19,500	99	99		
	Bhadol fodder-crops other than jowar, bajra, marua and maize.	3,700	1,800	1,800	90	100		
	Total ...	275,920	292,300	292,800	88	85		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year, and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
MYMENSINGH.	Acres.	Acres.	Acres.					
	Bhadol paddy (autumn rice).	390,600	466,500	466,500	60	60	Middle of April. Normal.	The weather was generally favourable at sowing time but subsequently it was unfavourable for want of timely rainfall. About 4-5-anna crops have been damaged by drought. Hence the outturn is below the normal.
	Bhadol fruits and vegetables, including root-crops.	5,500	5,500	5,500	45	55		
	Other bhadol food-crops	43,000	43,000	43,000	60	66		
	Bhadol fodder crops other than jowar, bajra, marua and maize.	64,000	64,000	64,000	35	50		
	Total ...	503,100	579,000	579,000	57	75		
FARIDPUR.	Bhadol paddy (autumn rice).	233,500	237,200	230,700	90	78	End of March.	The weather was favourable at sowing time but the crops suffered in places from drought. The effects of weather were favourable but owing to early flood the crops were damaged to some extent. Hence the outturn is below the normal.
	Bhadol fruits and vegetables, including fodder-crops.	25,300	22,200	23,000	74	70		
	Other bhadol food-crops	500	500	500	78	79		
	Total ...	259,300	259,900	254,200	89	77		
BAKARGANJ.	Bhadol paddy (autumn rice).	136,500	230,000	330,000	75	83	April and May. A little late.	The increase in area was due to high prices of food-stuffs.
	Other bhadol pulses	1,000	500	500	75	67		
	Bhadol fruits and vegetables, including root-crops.	140,000	140,000	140,000	75	58	February to May. Normal.	The weather was not favourable at sowing time owing to insufficient rainfall and to heavy showers afterwards. The flood at the beginning of August and insect pests have done some damage to the crops. Hence the outturn is below the normal.
	Bhadol non-food crops other than fodder and fibres.	1,400	1,500	1,500	75	75		
	Total ...	278,400	392,000	442,000	75	75		
CHITTAGONG.	Bhadol paddy (autumn rice).	202,000	204,000	194,500	95	100	May to June. Normal.	The decrease in area was due to deficient rainfall in May. The weather was dry at the time of sowing but subsequent rain was favourable. A normal outturn is expected.
	Indian-corn (maize) ...	200	200	200	100	120		
	Other bhadol pulses ...	300	200	200	95	92		
	Bhadol fruits and vegetables, including root-crops.	3,400	2,500	2,500	100	92		
	Other bhadol food-crops	1,800	1,600	1,600	99	100		
	Bhadol fodder crops other than jowar, bajra, marua and maize.	5,800	4,000	4,000	100	100		
	Bhadol fibres other than jute.	300	300	300	100	92		
	Bhadol non-food crops other than fodder and fibres.	100	100	100	100	100		
	Total ...	5,000	5,000	5,400	94	83		
	Total ...	219,800	217,800	208,800	95	99		
TIPPERA.	Bhadol paddy (autumn rice).	320,000	314,000	303,100	90	67	Middle of April. Normal.	The decrease in area is due to prolonged drought. The weather was not favourable at sowing time for want of sufficient rain. It was favourable at the latter part of the season.
	Other bhadol cereals ...	1,100	600	500	75	75		
	Other bhadol pulses ...	1,000	1,100	1,000	60	75		
	Bhadol fruits and vegetables, including root-crops.	7,300	5,100	4,400	60	33		
	Other bhadol food crops	1,000	700	700	50	75		
	Bhadol fodder-crops other than jowar, bajra, marua and maize.	9,000	9,000	8,800	60	75		
	Bhadol non-food crops other than fodder and fibres.	7,000	5,000	5,000	75	75		
	Total ...	345,400	335,500	323,500	68	67		

District.	Names of crops.	Estimated normal area under each crop.	Estimated area under each crop.		Estimated outturn as a percentage of the normal yield per unit of area.		Date by which the sowing of each crop was begun this year and whether that date was early, normal or late.	Remarks by District Officers.
			Last year.	This year.	Last year.	This year.		
NOAKHALI.	Bhadol paddy (autumn rice.)	Acres. 204,000	Acres. 212,000	Acres. 212,000	70	80	March to April Normal.	The increase in outturn is due to favourable weather and rainfall. No damage was done to the crops.
	Bhadol fruits and vegetables, including root-crops.	1,000	1,000	1,000	90	85		
	Bhadol fodder crops other than jowar, bajra, marua and maize.	2,000	2,000	2,000	90	90		
	Other bhadol non-food crops other than fodder and fibres.	(21)	.....	.....	.....	.....
	Total ...	207,000	215,000	215,000	70	80		
CHITTAGONG HILL TRACTS.	Bhadol paddy (autumn rice.)	188,000	156,000	168,000	55	73	By the middle of May. Late.	Some cultivators apprehended scarcity in the beginning of the season and so more area was brought under cultivation. There has been insufficient rainfall after the sowing season. The weather is favourable at present.
	Indian-corn (maize) ...	2,100	1,800	1,400	46	47		
	Other bhadol pulses ...	4,000	2,000	4,000	60	65		
	Other bhadol food-crops.	7,000	6,500	7,300	46	52		
	Total ...	201,100	167,300	189,400	55	72		
TOTAL BESGAL.	Bhadol paddy (autumn rice).	5,242,300†	5,666,600	5,193,300	77	86		
	Jowar ...	4,200†	3,700	4,300	77	84		
	Bajra ...	4,000†	3,900	2,900	82	89		
	Mandua, marua or ragi.	9,100†	6,700†	8,100	76	78		
	Indian-corn (maize) ...	102,100†	88,100†	88,000	85	88		
	Other bhadol cereals ...	136,100†	77,500†	84,800	70	76		
	Other bhadol pulses ...							
	Indigo ...	1,100†	10,100	11,700	71	70		
	Bhadol fruits and vegetables including root-crops.	214,800†	254,700†	262,200	73	62		
	Other bhadol food-crops	218,700†	164,300	149,800	71	78		
	Bhadol fodder crops other than jowar, bajra, marua and maize.	207,300†	103,200	101,200	47	61		
	Bhadol fibres other than jute.	16,300†	9,300	11,000	83	84		
	Mulberry ...	22,500†	17,800	19,500	93	87		
	Tea ...	57,000†	59,700*	60,100*	100	106		
	Bhadol non-food crops other than fodder and fibres.	118,200†	67,500	64,900	62	77		
	Total ...	6,348,900†	5,933,300	5,991,900	77	84		

* Exclusive of figures for Jalpaiguri and the Chittagong Hill Tracts.
† Revised.

MONTHLY WEATHER AND CROP REPORT OF BENGAL FOR AUGUST 1919.

I. Character of the Season.—During the month the rainfall was above the average in 14 districts and elsewhere below normal. The fall was in marked defect in the districts of Jalpaiguri, Darjeeling, Rangpur, Mymensingh and in the Cooch Behar State. The usual rainfall statement is appended.

II. Progress of the Agricultural Operations.—The rainfall in the last week facilitated the transplanting of winter paddy and steeping of jute in North and East Bengal where the operations were being hampered partly owing to want of sufficient rainfall and partly to lowness of river flood. A good deal of transplanting, however, remains to be done in Mymensingh where with low river and short rainfall the cultivators found it difficult to reap the jute in time to transplant rice. Transplanting was almost completed in West Bengal where prospects have been reported to be hopeful. Weeding of winter rice commenced. Autumn paddy was being reaped and a satisfactory outturn was reported.

III. State of Standing Crops.—The condition of winter rice, sugar-cane and other standing crops was satisfactory on the whole, but more rain was needed in Mymensingh to facilitate transplanting of winter rice.

IV. Prospects and Probable Outturn.—Autumn paddy yielded a satisfactory outturn. The present outlook of winter paddy is reported to be generally promising in West Bengal, but lack of rainfall is affecting some districts in East and North Bengal.

V. Damage to Standing Crops.—Some damage to jute by insect pests continued to be reported from places in West Bengal.

VI. Condition of Agricultural Stock.—The condition of live-stock was reported as fair. Cattle-disease was reported from places in the districts of Murshidabad, Burdwan, Midnapore, Rangpur and Cooch Behar State.

VII. Failure of Pasturage and Fodder.—The supply of fodder was sufficient throughout the province except in the low-lying tracts of Faridpur, Bogra and Pabna.

VIII. Price of Food-grains.—During the second fortnight of the month under review the price of common rice for the province rose in 18 districts and fell in 6, and remained stationary in the rest. It varied from 3 seers and 12 chitaks per rupee in Dacca, Faridpur and Hooghly to 7 seers in the Chittagong Hill Tracts.

IX. Condition of Agricultural People.—Distress continued to prevail in the Brahmanbaria subdivision of Tippera. Relief measures continued.

R. S. FINLOW,

Offg. Director of Agriculture, Bengal.

DACCA, the 13th September 1919.

Statement showing the normal and actual rainfall in each district during August 1919.

Division.	District.	Normal district rainfall for the month of August.	Actual district rainfall for the month of August 1919.	Variation from the normal.	Division.	District.	Normal district rainfall for the month of August.	Actual district rainfall for the month of August 1919.	Variation from the normal.
		Inches.	Inches.	Inches.			Inches.	Inches.	Inches.
Presidency	24-Parganas	12.21	19.87	+7.66	Rajshahi— concl.	Rangpur	13.21	5.23	- 7.98
	Calcutta	12.18	23.32	+11.14		Bogra	12.02	8.09	- 3.93
	Nadia	10.52	7.53	- 2.99		Pabna	10.95	12.67	+ 1.72
	Murshidabad	11.00	8.66	- 2.34		Malda	11.11	12.96	+ 1.84
	Jessore	10.76	10.56	- 0.20	Dacca	Dacca	12.65	9.01	- 3.64
Burdwan	Khulna	12.88	16.41	+3.53		Mymensingh	16.88	10.85	- 6.03
	Burdwan	11.12	10.13	- 1.01		Faridpur	13.08	14.96	+ 1.88
	Birbhum	11.76	14.40	+ 2.65		Bakarganj	16.23	20.14	+ 3.91
	Bankura	11.10	14.65	+ 3.55	Chittagong	Chittagong	22.79	26.71	+ 3.92
	Midnapore	11.03	15.97	+ 4.94		Tippera	14.01	12.74	- 1.27
Howrah	Hooghly	11.40	12.56	+ 1.16		Noakhali	23.49	23.16	- 0.33
	Howrah	11.17	25.17	+14.00		Chittagong Hill Tracts	17.87	16.46	- 1.41
Rajshahi	Rajshahi	10.43	19.90	+ 9.47	Cooch Behar	Cooch Behar	21.25	8.61	- 12.64
	Dinajpur	14.31	8.05	- 6.26					
	Jalpaiguri	28.22	11.01	- 17.21					
	Darjeeling	26.30	17.09	- 9.21					

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 11th September 1919.

Summary.—During the week the rainfall was generally heavy in the Chittagong Division and in Dinajpur, Jalpaiguri and Darjeeling. Elsewhere the fall was generally light to moderate. More rain is needed in places of Rajshahi, Rangpur and Tippera for the growth of winter paddy and for the steeping of jute. Transplanting of winter paddy is approaching completion; weeding continues. Cutting, steeping and washing of jute are proceeding, but the progress is slow in many places owing to lack of steeping water. Harvesting of autumn rice is still going on in the western districts. Damage to jute by insects continues to be reported from places in the 24-Parganas. The condition and prospects of standing crops are generally satisfactory. The average price of common rice for the province has risen by about 1·35 per cent. as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
1	24-PARGANAS	0·51	4½	4½	Transplanting of <i>aman</i> paddy and harvesting of <i>aus</i> paddy continue. Condition and prospects of jute are good. Effects of weather on the crop are good. Damage by insects is reported from some places in Barasat subdivision. Harvesting of jute continues. Fodder and water are sufficient.
	Diamond Harbour.	1·20	4½	(n)	
	Barrackpore	2·27	4½	4	
	Barasat ...	0·80	4	4	
	Basirhat ...	4·44	4	(n)	
2	NADIA ...	6·11	4½	4½	Prospects of standing crops, including jute, are good. Harvesting of <i>aus</i> paddy is nearly finished. Lands are being prepared for <i>rabi</i> crops. Effects of weather are favourable to jute, no damage is reported. Cattle-disease is reported from Chakdah and Karimpur thanas.
	Kushtia ...	0·92	4	4	
	Meherpur ...	1·78	6½	6½	
	Chuadanga ...	2·24	4½	4½	
	Ranaghat ...	2·56	4	4	
3	MURSHIDABAD	2·23	4½ to 4½	4½	Weather cloudy with occasional rain. Prospects of standing crops are good. Harvesting of <i>aus</i> paddy continues. Transplanting of <i>aman</i> paddy has been almost finished. Condition and prospects of jute are good. Effects of weather are favourable to its growth, there has been no damage. Harvesting and steeping continue. Fodder is sufficient. No large export. Over one thousand maunds of Burma rice have been imported into Lalbagh subdivision.
	Lalbagh ...	2·48	5½	5	
	Jangipur ...	6·25	4½	4½	
	Kandi ...	2·41	4½	4½	
4	JESSORE ...	0·41	4	4	Harvesting of <i>aus</i> paddy and transplanting of <i>aman</i> paddy are nearly finished. Standing crops are doing well. Condition and prospects of jute are fair. Steeping and washing continue. Fodder is sufficient. Burma rice is being imported into this district.
	Jhenidah ...	3·10	4½	5	
	Magura ...	4·20	4	5	
	Narail ...	2·93	4	4½	
	Bangaon ...	1·15	4½	4½	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
5	KHULNA ...	3.53	4	3 $\frac{9}{16}$	Transplantation of <i>aman</i> paddy and harvesting of <i>aus</i> paddy are going on. Condition and prospects of jute are good; the effects of the weather on the growth of the crop are good. No damage. Cutting and steeping are going on. Water and fodder sufficient. Cattle-disease is reported from Debhatia police-station.
	Satkhira ...	4.46	4	5	
	Bagerhat ...	3.53	4 $\frac{3}{8}$	3 $\frac{7}{8}$	
6	BURDWAN ...	1.33	4 $\frac{1}{4}$	4	Weather cloudy. Prospects of <i>aman</i> paddy, sugarcane and other standing crops are good. Weeding of <i>aman</i> paddy and harvesting of jute and <i>aus</i> paddy continue. Prices continue abnormally high.
	Asansol ...	4.26	4 $\frac{1}{4}$	4 $\frac{3}{8}$	
	Katwa ...	1.20	4 $\frac{1}{16}$	4 $\frac{3}{8}$	
	Kalna ...	1.82	4 $\frac{1}{4}$	3 $\frac{3}{4}$	
7	BIRBHUM ...	5.81	4 $\frac{3}{4}$	4 $\frac{3}{4}$	Weeding of winter paddy continues. Prospects of standing crops are favourable. Fodder and water are sufficient.
	Rampurhat ...	6.75	5	5	
8	BANKURA ...	6.99	4 $\frac{1}{16}$	4 $\frac{1}{2}$	Prospects of standing crops are good. Export of rice and paddy have increased and import has decreased.
	Vishnupur ...	1.79	5	5 $\frac{1}{2}$	
9	MIDNAPORE	2.15	{ 4 $\frac{3}{8}$ * 5†	{ 5* 5 $\frac{1}{16}$ † }	Condition and prospects of jute, <i>bhadoi til</i> and autumn-rice are fair. Harvesting of autumn rice is progressing. The transplanting of winter paddy is finished. Cattle disease is reported from Contai, and Bahiri thanas.
	Ghatal ...	0.93	{ 5* 5 $\frac{3}{8}$ †	{ 4 $\frac{1}{4}$ * 5† }	
	Tamluk ...	1.33	{ 4 $\frac{1}{8}$ * 5†	{ 4 $\frac{1}{4}$ * 5† }	
	Contai ...	1.96	{ 6* 6 $\frac{1}{4}$ †	{ 6* 6 $\frac{1}{4}$ † }	
10	HOOGHLY ...	3.52	4 $\frac{1}{16}$	4	Effects of weather on the growth of the crops are favourable. Price of rice fell slightly in Sadar subdivision. Condition and prospects of jute are fair. Damage by insects is reported from the Sadar subdivision. Harvesting and steeping are going on. Fodder is sufficient.
	Serampore ...	1.21	4 $\frac{1}{4}$	4 $\frac{5}{16}$	
	Arambagh ...	2.45	5 $\frac{1}{4}$	5 $\frac{1}{4}$	
11	HOWRAH ...	1.65	4 $\frac{1}{2}$	4	Weather seasonable. Sugarcane is doing well. Transplantation of <i>aman</i> paddy is over. Condition of jute is good. Harvesting of jute continues in low lands. Fodder is sufficient.
	Ulubaria ...	0.40	4	3 $\frac{7}{8}$	
12	RAJSHAHI (RAMPUR-BOALIA).	5.00	4 $\frac{1}{2}$	4 $\frac{5}{16}$	The prospects of standing crops are favourable. Harvesting of jute and <i>aus</i> paddy and transplanting of winter paddy continue; more rain is wanted in the Naogaon subdivision. Fodder is sufficient.
	Naogaon ...	2.03	3 $\frac{3}{8}$	3 $\frac{3}{4}$	
	Nator ...	3.23	4	4 $\frac{1}{4}$	

*Common rice.

†Coarse rice.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEEDS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
13	DINAJPUR ...	7.34	3½	3½	The recent rainfall has been very favourable to the standing crops. Rice market is rising at Sadar and Balurghat.
	Thakurgaon	7.97	4½	3½	
	Balurghat ...	5.54	4	4½	
14	JALPAIGURI	8.73	4	3½	Prospects of standing crops are fair. Steeping and washing of jute continue. Fodder and water are sufficient.
	Alipur ...	12.21	3½	4	
15	DARJEELING	11.72	4½	5½	Harvesting of potatoes, cardamom and maize continues. <i>Marua</i> is progressing. Condition and prospects of jute are fair. Effects of weather on the growth of jute are fair. No damage. Transplanting of autumn paddy and harvesting and steeping of jute are going on. The supply of fodder and water is sufficient. Stock of food-grains is insufficient.
	Kurseong ...	14.08	5	5½	
	Siliguri ...	9.74	3	4	
	Kalimpong ...	5.88	5	5½	
16	RANGPUR ...	2.19	3½	4½	Weather seasonable. Harvesting of jute and transplantation of winter paddy are going on but more rain is urgently wanted for winter rice and for steeping of jute. Condition of jute is fairly good. Weather is not favourable for winter rice. Price of rice is rising. Export is going on. Cattle-disease is subsiding. Fodder and water are sufficient.
	Nilphamari	9.00	3½	4	
	Kurigram ...	5.31	3½	4	
	Gaibandha ...	2.48	4½	4½	
17	BOGRA ...	2.15	3½	4½	Transplanting of winter paddy and harvesting of jute and <i>aus</i> paddy continue. Steeping and washing of jute are partially retarded for low flood. Condition of broadcast winter rice is unfavourable.
18	PABNA ...	2.51	4	4½	The effects of recent rainfall are fair, the water has risen considerably. The remaining jute will shortly be reaped. Prospect of <i>aman</i> are better owing to flood. No large export of rice from Sirajganj or Pabna.
	Sirajganj ...	7.62	3½	(n)	

(n) Not reported.

Serial No.	Districts and subdivisions.	Rainfall.	PRICE OF COMMON RICE, IN SEERs PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
19	MALDA ..	5.98	4	4	Weather seasonable. Transplanting of winter rice continues. Prospects of jute are fair. No damage to crop is reported. Harvesting continues. Fodder and water are sufficient. Cattle-disease is reported from Bholahat and Shibganj thanas.
20	COOCH BEHAR	9.06	7½	7½	Weather rainy and cloudy. Transplantation of <i>haimanti</i> paddy seedlings is going on briskly. Harvesting of <i>bitri</i> paddy is nearly finished. Prospects and condition of standing crops are favourable. Fodder is sufficient.
21	DACCA ...	4.39	4	3½	Weather seasonable. The heavy down-pour of rain during the week enabled the last of the plots to be transplanted with <i>roa</i> paddy which is progressing briskly. Standing crops are thriving under favourable weather condition. Prospects of <i>aman</i> paddy are good and a fair outturn is expected. No cattle-disease is reported. Fodder is sufficient.
	Manikganj ...	4.94	4	3½	
	Narayanganj	3.99	4	3½	
	Munshiganj*	3.23	4	3½	
22	MYMENSINGH	0.67	3½	3½	Weather seasonable. More rain is wanted. Harvesting of <i>aus</i> paddy is nearly finished. Harvesting and steeping of jute are going on. Prospects of standing crops are fair. Fodder is sufficient. Cattle-disease is reported from places.
	Jamalpur ...	2.13	3½	3½	
	Tangail ...	6.55	3½	(n)	
	Netrakona ...	5.79	4	3½	
	Kishorganj...	6.12	3½	3½	
23	FARIDPUR ...	2.69	3½	3½	Weather is favourable to the standing crops. Prospects of <i>aman</i> paddy are promising. Harvesting of jute still continues. Fodder is available. Stock of rice is insufficient in Gopalganj.
	Goalundo ...	3.21	4½	4½	
	Madaripur ...	4.16	4	3½	
	Gopalganj†...	5.94	3½	3½	
24	BAKARGANJ (BARISAL).	3.98	{ 3½ 5½ 6½ }	3½	Prospects of jute are fair; weather is favourable. No damage done to the crop. Harvesting is almost finished. Prospects of other crops are fair.
	Pirojpur ...	4.17	3½	3½	
	Patuakhali...	5.56	{ 4 4½†	3½ 4½†	
	Dakshin Shalazpur (Bhola).	5.68	{ 3½ 4½†	3½ 4½†	

* Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district rainfall figures for Kapasia thana are reported here.

† The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

(n) Not reported.

‡ Aus rice.

§ Rangoon rice.

Serial No.	Districts and subdivisions.	Rainfall.	PRICE OF COMMON RICE IN SEERS PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
25	CHITTAGONG	11.96	4½	4½	Prospects of standing crops are good. Transplanting of <i>aman</i> paddy is going on. Harvesting of <i>aus</i> paddy is still in progress. <i>Panga</i> salt is selling at 9 seers per rupee both at Sadar and Cox's Bazar. Fodder is sufficient.
	Cox's Bazar	11.17	4½	4½	
26	TIPPERA (COMILLA).	7.97	4½ ⁷ / ₁₆	4½	The prospects of <i>aus</i> paddy are fair and those of <i>aman</i> paddy are hopeful; more rain is wanted in the Brahmanbaria subdivision. Prospects of jute are good. The price of rice still runs high. Harvesting of <i>aus</i> paddy and transplanting of <i>aman</i> paddy are going on.
	Brahmanbaria.	4.12	4½ ⁴ / ₁₆	4	
	Chandpur ...	3.66	5	4½	
27	NOAKHALI ...	9.07	3½ ⁷ / ₁₆	3½	Weather seasonable. Prospects of standing crops are good. Transplantation of <i>aman</i> paddy and harvesting of jute continue. Fodder is sufficient.
	Feni ...	12.52	4½	{ 3½ ³ / ₈ 4½ ⁹ / ₁₆ }	
28	CHITTAGONG HILL TRACTS.	8.98	{ 4½ 6† }	{ 4½ 7† }	Sowing of paddy on high land continues. Reaping of <i>jhum</i> paddy has commenced. Fodder is sufficient.

* *Aus* rice. | † Local rice.R. S. FINLOW,
Offg. Director of Agriculture, Bengal.

CALCUTTA, the 16th September 1919.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	PADDY (BEST QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	1	2	3	4	5	6	7
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	5 4 0	4 8 0	3 0 0	3 0 0	3 6 0	3 10 0	...
Chetla Hât ...	...	...	...	...	...	...	...
Burdwan ...	4 13 6	4 0 0	2 6 0	2 4 0	3 14 0	3 14 0	...
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	4 8 0	4 0 0	2 1 0	2 6 0	3 0 0	3 12 0	...
Chittagong ...	(c)	(c)	(c)	...	...	(c)	...
Chaudpur ...	...	...	...	...	...	...	...
Dacca ...	7 4 0	6 8 0	2 12 0	3 2 0	3 8 0	4 2 0	...
Narayanaganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	5 8 0	4 8 0	2 4 0	2 12 0	3 6 0	3 4 0	...
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	5 4 0	5 0 0	1 12 0	2 14 0	3 8 0	3 6 0	...

* Figures not available.

Marts.	PADDY (COMMON QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	9	10	11	12	13	14	15
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	4 10 0	4 0 0	2 12 0	2 8 0	3 2 0	3 4 0	...
Chetla Hât ...	...	...	...	...	...	...	...
Burdwan ...	4 13 6	4 0 0	2 4 0	2 2 0	3 8 0	3 10 0	...
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	4 4 0	3 14 0	1 14 0	2 0 0	2 14 0	3 4 0	...
Chittagong ...	(c)	(c)	(c)	...	...	(c)	...
Chaudpur ...	...	...	...	...	...	...	...
Dacca ...	7 0 0	6 4 0	2 6 0	2 10 0	3 4 0	3 14 0	...
Narayanaganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	4 3 0	4 6 0	2 0 0	2 8 0	3 2 0	3 0 0	3 8 0
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	4 12 0	4 8 0	1 8 0	2 8 0	2 12 0	2 4 0	3 0 0

(c) No sale

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	RICE (BEST QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	16	17	18	19	20	21	22
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	10 8 0	9 8 0	7 0 0	7 0 0	7 12 0	7 12 0	7 8 0
Chetla Hat ...	.....	.....	.....	.....	.....	.....	.....
Burdwan ...	9 7 0	9 0 0	6 0 0	6 4 0	9 8 0	8 8 0	6 4 0
Kalna ...	.....	.....	.....	.....	.....	.....	.....
Raniganj ...	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	8 8 0	8 8 0	4 8 0	4 12 0	5 12 0	6 8 0	5 10 0
Chittagong ...	14 0 0	13 0 0	8 0 0	7 0 0	9 0 0	10 0 0	7 8 0
Chandpur ...	.....	.....	.....	.....	.....	.....	.....
Dacca ...	12 8 0	10 12 0	6 0 0	5 8 0	6 8 0	7 0 0	6 4 0
Narayanganj ...	.....	.....	.....	.....	.....	.....	.....
Mymensingh ...	.....	.....	.....	.....	.....	.....	.....
Madaripur ...	.....	.....	.....	.....	.....	.....	.....
Pabna ...	9 6 6	9 0 0	6 0 0	7 8 0	7 5 0	8 0 0	8 0 0
Sirajganj ...	.....	.....	.....	.....	.....	.....	.....
Rangpur ...	11 0 0	10 8 0	5 4 0	6 4 0	7 0 0	7 9 0	8 0 0

Marts.	RICE (COMMON QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	23	24	25	26	27	28	29
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 8 0	7 8 0	5 8 0	5 0 0	6 0 0	6 10 0	6 4 0
Chetla Hat ...	.....	.....	.....	.....	.....	.....	.....
Burdwan ...	9 5 0	8 4 0	4 2 0	4 0 0	5 0 0	5 8 0	4 14 0
Kalna ...	.....	.....	.....	.....	.....	.....	.....
Raniganj ...	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	7 8 0	7 8 0	3 12 0	4 2 0	5 8 0	5 12 0	4 12 0
Chittagong ...	8 8 0	8 0 0	4 0 0	4 8 0	5 4 0	5 2 0	5 0 0
Chandpur ...	.....	.....	.....	.....	.....	.....	.....
Dacca ...	10 8 0	10 6 0	5 8 0	5 4 0	6 0 0	5 14 0	5 8 0
Narayanganj ...	.....	.....	.....	.....	.....	.....	.....
Mymensingh ...	.....	.....	.....	.....	.....	.....	.....
Madaripur ...	.....	.....	.....	.....	.....	.....	.....
Pabna ...	8 5 0	8 10 0	4 0 0	4 10 0	5 3 0	5 12 0	5 10 0
Sirajganj ...	.....	.....	.....	.....	.....	.....	.....
Rangpur ...	9 8 0	9 8 0	3 12 0	4 12 0	5 4 0	5 10 0	6 10 0

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	WHEAT.						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	30	31	32	33	34	35	36
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 0 0	8 0 0	6 6 0	5 0 0	4 5 0	4 14 0	4 6 0
Chetla Hat ...	...	...	...	...	...	...	...
Burdwan ...	7 12 0	8 0 0	...	6 0 0	5 8 0	5 8 0	...
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	8 12 0 to 9 0 0	8 12 0 to 9 0 0	5 8 0	5 6 0	5 8 0	6 0 0	...
Chittagong ...	...	...	...	...	...	...	...
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	5 0 0
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	(a)	(a)	...	4 0 0	...	...	3 12 0
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	...	...	5 4 0	5 0 0	5 0 0	5 4 0	5 0 0

(a) Not in stock.

Marts.	KALAI DAL.						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.*
	37	38	39	40	41	42	43
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 8 0	8 8 0	8 0 0	5 0 0	5 6 0	5 10 0	...
Chetla Hat ...	...	...	...	...	...	...	...
Burdwan ...	10 8 0	9 0 0 to 11 8 0	6 8 0	5 0 0	5 8 0	5 4 0	...
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	10 0 0 to 11 0 0	10 0 0 to 11 0 0	7 8 0	5 12 0	4 6 0	4 8 0	...
Chittagong ...	...	...	...	...	...	...	...
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	...	...	...	...	...	...	...
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	10 0 0	10 0 0	6 8 0	7 0 0	7 8 0	6 8 0	...

* figures not available.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	GRAM.						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	44	45	46	47	48	49	50
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	7 0 0	7 0 0	4 0 0	3 12 0	3 7 0	3 12 0	4 4 0
Obotia Hat ...	...	...	...	...	...	...	...
Burdwan ...	6 12 0	7 0 0	4 2 0	3 13 0	3 12 0	3 12 0	4 8 0
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	7 10 0	7 10 0	4 4 0	3 12 0	4 4 0	4 8 0	...
Chittagong ...	to 8 0 0 8 8 0	to 8 0 0 8 0 0	to 4 6 0 5 8 0	3 8 0	4 4 0	5 0 0	...
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	...	...	...	...	...	...	...
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	10 0 0	10 0 0	5 4 0	6 8 0	7 8 0	7 0 0	...

Marts.	ARHAR DAL.						
	Present return.	Next preceding return.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.	Corresponding return of 1914.
	51	52	53	54	55	56	57
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	10 8 0	10 8 0	6 0 0	5 8 0	5 4 0	6 4 0	5 6 0
Obotia Hat ...	...	...	...	...	...	...	...
Burdwan ...	10 8 0	12 0 0	5 12 0	4 6 0	5 8 0	5 10 0	6 8 0
Kalna ...	...	...	...	...	...	...	...
Raniganj ...	...	...	...	...	...	...	...
Midnapore ...	11 8 0	11 4 0	6 0 0	5 0 0	5 4 0	6 0 0	...
Chittagong ...	to 12 8 0 11 8 0	to 12 4 0 14 0 0	to 7 0 0 7 8 0	to 6 8 0 5 8 0	to 6 8 0 7 0 0	7 0 0	7 0 0
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	12 0 0	12 0 0	7 8 0	5 0 0	7 0 0	8 0 0	6 4 0
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	10 0 0	10 0 0	7 0 0	6 0 0	7 4 0	6 8 0	6 8 0
Sirajganj ...	...	...	...	...	...	...	...
Rangpur ...	(a)	(a)	6 0 0	7 0 0	7 8 0	6 6 0	6 4 0

(a) Not in stock.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	LINSKED.			MUSTARD.			GUR.			COTTON (UNGINNED).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	55	59	60	61	62	63	64	65	66	67	68	69
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	13 8 0	13 8 0	8 8 0	11 8 0	11 8 0	7 12 0	7 12 0	7 12 0	9 0 0	25 0 0	25 0 0	40 0 0
Chetla Hat ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burdwan ...	(a).....	(a).....	6 8 0	13 8 0 to 15 8 0	13 8 0 to 16 8 0	7 0 0	7 8 0 to 8 0 0	8 8 0	6 0 0 to 9 0 0	(a).....	(a).....	37 0 0
Kalna ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raigang ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	12 0 0	16 0 0	4 10 0	15 0 0 to 17 0 0	15 0 0 to 17 8 0	8 0 0 to 9 0 0	8 8 0 to 9 0 0	8 8 0 to 9 0 0	8 4 0	40 0 0	40 0 0	50 0 0
Chittagong ...	15 0 0	10 0 0	10 0 0	13 0 0	14 0 0	7 0 0	13 0 0	10 12 0	6 0 0	(b).....	18 0 0	.....
Chandpur ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dacca ...	12 0 0	12 0 0	5 0 0	12 8 0	12 8 0	8 0 0	14 8 0	11 8 0	10 0 0	.....	.....	.....
Narayanganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madaripur ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pabna ...	(a)	(a)	.....	14 6 0	14 0 0	8 0 0	10 8 0	10 8 0	7 0 0	.....	.....	.....
Sirajganj ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rangpur ...	.....	.....	.....	14 8 0	14 8 0	6 8 0	15 0 0	15 0 0	6 8 0	.....	.....	.....

Marts.	JUTE.			GHEE.			HIDES (COW).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	70	71	72	73	74	75	76	77	78
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. Per 100 pieces.	Rs. A. P.
Calcutta ...	12 0 0	12 0 0	11 0 0	78 0 0	78 0 0	72 0 0	450 0 0	450 0 0	450 0 0
Chetla Hat ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burdwan ...	(a).....	(a).....	.....	75 0 0	75 0 0	70 0 0	(a).....	(a).....	40 0 0
Kalna ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raigang ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore ...	7 0 0	7 0 0	5 0 0	80 0 0 to 86 0 0	80 0 0 to 86 0 0	67 0 0 to 70 0 0	425 0 0 400 0 0	Cleaned pieces per 100. 425 0 0 Uncleaned pieces per 100. 400 0 0	200 0 0 175 0 0
Chittagong ...	.....	.....	.....	85 0 0	84 0 0	70 0 0	.....	.....	.....
Chandpur ...	7 8 0 to 16 4 0	9 0 0 to 14 8 0	8 0 0 to 10 8 0	.....	.....	.....	.....	.....	.....
Dacca ...	.....	.....	.....	78 8 0	78 8 0	66 0 0	.....	.....	.....
Narayanganj ...	11 8 0 to 15 12 0	12 0 0 to 16 0 0	10 0 0 to 11 4 0	.....	.....	.....	.....	.....	.....
Mymensingh ...	10 0 0 to 19 0 0	9 0 0 to 18 0 0	8 0 0 to 10 0 0	.....	.....	.....	.....	.....	.....
Madaripur ...	8 0 0 to 13 0 0	10 0 0 to 13 8 0	7 0 0 to 10 8 0	.....	.....	.....	.....	.....	.....
Pabna ...	.....	.....	.....	79 0 0	79 0 0	90 0 0	.....	.....	.....
Sirajganj ...	9 0 0 to 12 0 0	11 0 0 to 15 0 0	5 0 0 to 7 0 0	.....	.....	.....	Per piece. 4 0 0	Per piece. 4 0 0	Per piece. 4 0 0
Rangpur ...	12 8 0	12 8 0	5 0 0	75 0 0	72 0 0	60 0 0	.....	.....	.....

(a) Not in stock.

(b) No sale.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of August 1919.

Marts.	IRON.			SALT.			KEROSENE OIL.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	79	80	81	82	83	84	85	86	87
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	9 0 0	9 0 0	35 0 0	3 6 0	3 6 0	2 11 0	4 0 0(a)	4 0 0(a)	3 2 0
Chetla Hat	.....	.....	.....	.....	.....	.....	.....	.....	.....
Burdwan	15 0 0	15 0 0	20 0 0 to 35 0 0	3 0 0	2 14 0	3 12 0	3 2 0(b)	3 2 0(b)	4 4 0
Kalna	.....	.....	.....	.....	.....	.....	.....	.....	.....
Raniganj	.....	.....	.....	.....	.....	.....	.....	.....	.....
Midnapore	3 0 0 to 14 0 0	3 0 0 to 14 0 0	3 0 0 to 28 0 0	3 10 0	3 10 0	3 8 0	4 0 0(b)	4 0 0(b)	4 3 0
Chittagong	20 0 0	16 0 0	30 0 0	3 12 0	3 10 0	3 4 0	3 0 0	3 0 0	2 4 0
Chandpur	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dacca	.....	.....	.....	4 4 0	4 0 0	3 4 0	4 1 9(d)	4 1 9(d)	4 8 0
Narayanganj	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madaripur	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pabna	20 0 0 to 25 0 0	20 0 0 to 25 0 0	26 8 0	3 12 0	3 12 0	4 10 0	3 12 0	3 12 0	4 0 0
Sirajganj	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rangpur	22 0 0	22 0 0	22 0 0	4 0 0	4 0 0	4 6 0	4 4 0(h)	4 4 0(h)	4 8 0

(a) Monkey brand. | (b) Rising Sun. | (d) Elephant. | (h) Gold Mohur.

Marts.	MUSTARD OIL.			FIREWOOD.			COAL (BENGAL).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	88	89	90	91	92	93	94	95	96
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	33 0 0	33 0 0	22 0 0	0 8 0	0 8 0	1 0 0	.....	.....	.....
Chetla Hat	.....	.....	.....	.....	.....	.....	0 8 0	0 8 0	0 8 0
Burdwan	37 8 0	37 0 0	19 8 0	0 8 0	0 8 0	0 8 6	0 7 0 to 0 8 0	0 7 0 to 0 8 0	0 8 6
Kalna	.....	.....	.....	.....	.....	.....	0 9 0	0 9 0	0 8 0
Raniganj	.....	.....	.....	.....	.....	.....	0 1 10	0 1 10	0 2 7
Midnapore	38 0 0 to 39 0 0	38 0 0 to 39 0 0	23 8 0 to 25 0 0	0 7 0	0 7 0	0 7 0	.....	.....	.....
Chittagong	40 0 0	45 0 0	24 0 0	.....	.....	.....	.....	.....	.....
Chandpur	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dacca	42 0 0	42 0 0	25 0 0	.....	.....	.....	.....	.....	.....
Narayanganj	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madaripur	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pabna	36 0 0	36 0 0	22 10 0	.....	.....	.....	.....	.....	.....
Sirajganj	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rangpur	40 0 0	40 0 0	23 0 0	.....	.....	.....	.....	.....	.....

Dacca,

The 12th September 1919.

J. C. Roy,

for Director of Agriculture, Bengal.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the second-half of August 1919.

DIVISION.	DISTRICTS AND MAHLS.	QUANTITY PER RUPEE IN SEERS OF EIGHTY TOLAS.														
		COMMON RICE.						KALAI DAL (<i>Phaseolus radiatus</i>).			ARHAR (DAL) OR TURR. CADJAN PEA (<i>Cajanus indicus</i>).			SALT.		
		Average.			Cheapest.			Present return.	Next preceding return.	Corresponding of last year.	Present return.	Next preceding return.	Corresponding of last year.	Present return.	Next preceding return.	Corresponding of last year.
		Present return.	Next preceding return.	Corresponding of last year.	Present return.	Next preceding return.	Corresponding of last year.									
Number.		S. Or.	S. Ch.	S. Ch.	S. Ch.	S. Or.	S. Ch.	S. Or.	S. Ch.	S. Ch.	S. Or.	S. Ch.	S. Ch.	S. Ch.	S. Or.	S. Ch.
24-PARGANAS.																
1	Chetla Hat ...	3 12	4 9	7 2	4 4	5 5	9 2	4 0	4 0	6 8	4 0	3 9	6 8	9 7	10 10	9 2
2	Magra Hat ...	4 1	5 10	9 6	4 10	5 12	10 10	(a)	(a)	8 0	3 5	3 5	6 10	11 8	11 8	13 0
3	Calcutta-Bellaghata	4 9	5 3	6 15	6 0	6 0	8 7	4 7	4 7	4 14	3 10	3 10	8 7	10 0	10 0	13 6
NADIA.																
4	Gouri ...	4 9	5 4	8 0	6 6	5 10	9 0	3 5	3 5	5 6	3 3	3 3	5 6	11 0*	11 0*	12 4
5	Banaghat ...	4 3	4 12	8 4	5 0	5 2	8 8	4 0	4 0	6 8	3 8	3 8	6 0	10 8*	10 8*	10 8
MURSHIDABAD.																
6	Dorhampur ...	4 0	4 8	8 4	4 4	4 12	8 8	3 4	3 4	5 8	4 0	4 0	7 0	13 0*	13 0*	11 0
7	Kandi ...	5 0	5 0	10 0	5 2	5 4	10 8	4 0	3 8	6 8	4 0	4 0	7 8	11 0	11 0	11 0
8	Jangipur ...	4 12	5 0	10 4	4 14	5 0	10 12	3 8	3 8	4 8	4 0	4 0	8 0	12 0	12 0	10 0
JESSORE.																
9	Sadar ...	4 0	5 6	10 0	5 0	5 11	10 8	3 4	3 8	6 0	3 4	3 8	6 0	11 4	11 4	10 0
10	Bangaon ...	4 7	5 0	11 2	5 0	5 11	13 5	2 11	2 11	4 9	3 3	3 3	6 6	11 4	11 4	11 0
KHULNA.																
11	Sadar ...	5 4	4 6	9 0	5 12	4 9	9 8	3 8	3 12	6 0	3 0	3 0	6 8	10 8	10 8	9 0
12	Bagerhat ...	4 8	4 8	9 0	5 0	5 8	10 0	5 0	5 0	8 0	4 14	4 14	5 8	10 8	10 8	10 0
BURDWAN.																
13	Sadar ...	4 4	4 8	9 0	4 10	5 0	11 0	3 12	3 8	6 4	3 12	3 0	7 12	12 8*	13 0*	9 0
14	Kalna ...	3 14	4 12	8 0	4 5	5 4	9 0	3 4	3 7	6 0	3 4	3 5	5 8	12 12*	13 5*	10 12
BIRBHUM.																
15	Burl ...	4 8	4 42	9 0	5 0	5 0	10 0	4 0	4 0	6 8	3 0	3 3	7 0	11 0*	10 0*	10 8
16	Rampur Hat ...	4 12	4 12	10 0	5 0	5 0	11 0	4 0	3 8	5 3	3 4	3 0	6 0	11 0	11 0	12 0
BANKURA.																
17	Sadar ...	5 0	5 8	9 0	5 4	5 10	10 0	3 14	4 0	7 8	4 0	3 4	6 8	11 0	13 0	10 0
18	Vishnupur ...	5 4	5 6	10 0	5 8	5 10	10 8	4 0	3 10	7 0	3 8	3 2	6 0	10 8	10 0	9 0
MIDNAPORE.																
19	Sadar ...	5 6	5 0	10 1	6 0	5 8	10 6	3 4	3 4	5 4	3 4	3 4	{ 5 4 10 6 0 }	10 0	10 0	10 0
20	Contai ...	5 8	6 0	12 0	6 0	6 8	13 0	3 0	3 0	7 0	3 0	3 0	7 0	10 0	10 0	8 0
HOOGHLY.																
21	Sadar ...	3 4	4 9	7 4	3 12	5 0	8 0	4 0	3 8	5 8	4 0	4 0	6 8	10 8	10 8	10 0
22	Arambagh ...	4 12	5 12	9 8	5 0	5 14	10 0	3 4	3 4	5 4	3 4	3 0	5 4	10 10	10 10	10 8
HOWRAH.																
23	Sadar ...	4 0	5 0	9 0	4 8	5 5	10 0	4 0	4 0	6 4	4 0	4 0	6 0	10 0	11 0	9 0
24	Udbaria ...	3 12	5 0	9 0	4 0	5 8	9 8	4 0	3 8	6 0	3 8	3 8	5 12	11 8	11 8	11 6
RAJSHAHI.																
25	Rampur-Boalia ...	4 5	4 6	7 8	4 8	4 8	8 4	3 0	3 0	4 14	3 0	3 0	5 4	9 6*	9 12*	9 12
26	Nator ...	4 12	4 8	11 4	4 14	4 12	15 0	4 0	4 0	6 0	4 0	4 0	7 14	9 8	9 8	8 0
27	Dinajpur-Railway Bazar Hat	4 8	4 13	7 0	4 13	5 2	8 6	3 13	3 14	6 9	3 3	3 5	8 2	10 13	10 13	9 0
28	Talpaiguri-Sadar ...	4 0	5 8	10 0	4 8	5 12	12 0	4 0	4 0	7 0	4 0	4 0	7 0	9 0	9 0	8 0

* Karkatch.

(a) Not available.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the Second-half of August 1919—concl'd.

QUANTITY PER RUPEE IN SEERS OF EIGHTY TOLAS.

DIVISION.

Number.

DISTRICTS AND
MARKS.

COMMON RICE.

KALAI DAL (*Phaseolus
radiatus*).

ARHAR (DAL) OR TURH,
CADJAN PEA (*Cajanus
indicus*).

SALT.

Average.

Cheapest.

Present return.

Next preceding return.

Corresponding return of
last year.

Present return.

Next preceding return.

Corresponding return of
last year.

Present return.

Next preceding return.

Corresponding return of
last year.

Present return.

Next preceding return.

Corresponding return of
last year.

Present return.

Next preceding return.

Corresponding return of
last year.

RAJBHARI.

DACCA.

CHITTAGONG.

	DARJEELING.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.	S. CH.
29	Sadar ...	3 4	3 8	8 0	4 12	5 0	10 0	3 0	3 0	6 8	2 12	2 12	5 8	8 0	8 0	7 0	
30	Siliguri ...	4 0	4 0	9 0	5 0	5 0	10 0	3 8	3 8	7 8	3 8	3 8	8 0	8 0	8 0	8 0	
	RANGPUR.																
31	Sadar ...	3 12	3 8	10 0	4 4	4 0	11 0	3 12	3 12	6 0	3 0	3 0	7 0	9 0	9 0	8 0	
32	Nitphamari ...	4 0	5 0	9 8	(n)	(n)	10 0	3 0	3 0	7 0	3 0	3 0	7 0	10 0	10 0	10 0	
33	Bogra—Sadar ...	3 15	4 2	7 0	4 5	4 8	8 10	3 6	3 6	7 8	3 6	3 6	6 12	9 12	9 12	8 0	
	PADNA.																
34	Sadar ...	4 0	4 8	10 0	4 12	4 8	11 0	4 0	4 0	10 0	3 14	3 14	5 8	10 8*	10 8*	8 0	
35	Sirajganj ...	4 0	4 0	9 12	4 8	4 8	11 0	4 8	4 8	7 4	3 12	3 12	7 8	8 0	8 0	8 0	
	MALDA.																
36	Sadar ...	4 8	4 10	10 0	4 12	5 0	10 8	4 0	4 0	4 8	3 0	3 8	6 0	12 0*	11 0*	8 0	
37	Balla—Nawabganj ...	4 10	4 10	11 4	5 4	5 0	11 8	4 4	4 8	5 4	3 8	3 8	8 0	11 0*	11 0*	9 0	
	DACCA.																
38	Sadar ...	3 8	3 12	7 0	3 12	4 0	9 0	4 5	4 5	4 0	3 3	3 3	5 8	10 0	10 8	9 0	
39	Munshir Hat ...	3 10	4 4	8 0	3 5	4 4	...	(n)	(n)	(n)	(n)	(n)	...	9 0	9 0	8 0	
	MYMENSINGH.																
40	Nasirabad ...	4 0	4 0	8 0	5 0	5 0	8 0	4 0	4 0	8 0	4 0	4 0	5 5	9 0	9 0	8 0	
41	Netrokona ...	3 6	4 0	9 0	3 13	4 4	10 8	5 10	5 12	9 0	3 2	3 2	7 0	10 0	10 0	8 0	
	FARIDPUR.																
42	Sadar ...	3 8	4 14	8 0	3 12	5 0	10 0	3 4	4 2	6 0	3 8	3 12	5 8	10 0	10 0	9 0	
43	Rajbari ...	4 3	4 13	8 12	4 6	5 5	8 12	3 6	3 11	5 10	3 0	3 11	5 5	8 9	8 9	8 0	
	BAKARGANJ.																
44	Barisal ...	3 12	4 10	8 0	4 0	5 4	8 6	5 10	5 10	8 0	3 2	3 2	6 0	9 4	9 4*	8 8	
45	Pirojpur ...	3 12	4 6	10 0	3 14	4 8	10 0	4 8	4 8	...	(a)	(a)	6 0	8 0*	8 0*	8 0	
	TIPPERA.																
46	Comilla ...	3 6	3 14	2 9	4 1	5 0	7 10	4 8	5 0	5 4	3 0	3 0	4 10	10 0	10 0	8 2	
47	Chandpur ...	3 4	4 8	8 0	3 14	5 12	11 2	5 0	4 4	5 8	3 12	3 14	7 6	8 0	10 4	9 1	
	NOAKHALI.																
48	Kalitara Hat ...	3 15	4 11	9 0	4 6	4 14	10 0	4 4	4 4	8 8	4 0	4 0	6 2	9 0	9 0	9 0	
49	Peni Hat ...	3 13	4 5	10 0	4 7	5 8	12 0	5 9	6 9	8 0	(n)	(n)	...	8 0	8 0	8 2	
	CHITTAGONG.																
50	Sadar ...	4 8	5 0	9 8	5 0	5 8	10 8	4 0	4 0	6 0	3 0	2 12	6 8	9 0	10 0	10 0	
51	Cor's Bazar ...	5 0	4 12	12 8	(n)	(n)	12 8	3 8	4 0	4 8	3 4	3 4	5 8	9 0	9 0	9 0	
52	Chittagong Hill Tracts—Rangamati.	5 0	4 0	8 0	7 0	5 0	8 0	4 0	4 0	4 0	2 8	3 0	4 0	8 0	8 0	8 0	

* Karkatch.

(a) Not in stock.

(b) Aus.

(n) Not reported.

J. C. ROY,

for Director of Agriculture, Bengal.

DACCA,
The 12th September 1919.

**List of prices of articles of food in Calcutta for the week ending
Saturday, the 13th September 1919.**

Names of Articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	9 4 0	9 6 0	0 4 0	0 4 3
„ medium	9 8 0	9 12 0	0 4 6	0 5 0
Patnai, coarse	9 0 0	9 12 0	0 4 0	.....
„ medium	9 14 0	10 5 0	0 4 3	.....
Nagra, coarse	9 2 0	9 12 0	0 4 0	.....
„ medium	9 14 0	10 6 0	0 4 3	.....
Dudhkalma	9 8 0	10 0 0	0 4 0	.....
Rangoon Boiled	.....	.....	.....	.....
Kajla	8 0 0	8 4 0	0 3 6	.....
Wheat, Dudhia	7 12 0	.....	.....	.....
„ Gangajali	.....	.....	.....	.....
„ Jamali	7 4 0	.....	.....	.....
Gram, Patnai (whole)	7 4 0	7 12 0	0 3 0	0 3 9
„ dal	8 12 0	9 4 0	0 3 9	0 4 6
Mung „ (Hari)	10 12 0	11 8 0	0 5 0	0 6 0
„ „ (Krishna)	9 12 0	10 8 0	0 5 0	0 5 6
Arhar „	8 4 0	10 8 0	0 3 9	0 5 0
Masur „ (split)	7 2 0	8 4 0	0 3 0	0 3 6
„ „ (Khanri)	9 4 0	10 4 0	0 4 0	0 5 0
Kalai „	7 12 0	10 0 0	0 3 3	0 4 0
Salt	3 2 0	3 4 0	0 1 6	0 1 9
Sugar (Brown Java)	17 8 0	.....	0 7 0	0 8 0
Gur, Bheli	.....	.....	0 5 0	.....
„ Bhursut	10 12 0	11 4 0	0 6 0	.....
„ Date	.....	.....	0 3 0	.....
Milk	11 0 0	12 0 0	0 3 0	0 5 0
Mustard oil	39 0 0	40 0 0	1 2 0	1 4 0
Flour, country	9 5 0	10 3 0	0 3 6	0 4 6
Atta, No. 3	8 0 0	}	0 4 0	0 4 6
„ „ 2½	9 8 0			
„ „ B	9 14 0			
Suji	9 13 0	10 14 0	0 4 6	0 5 0
Ghee (Bhadwa, Matki, etc.)	90 0 0	91 0 0	2 6 0	2 8 0
„ (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	85 0 0	86 0 0	2 4 0	2 6 0
„ (Lalli, Etwa, Sagar, etc.)	81 0 0	82 0 0	2 4 0	.....
Maize	6 4 0	7 0 0	.....	.....
Potato	5 0 0	6 0 0	0 3 0	0 3 6
Patal	4 4 0	5 4 0	0 2 6	0 3 0
Brinjal	3 0 0	3 6 0	0 2 0	0 2 6
Onion	3 4 0	4 0 0	0 1 9	0 2 6
Fish, Rahu	30 0 0	35 0 0	0 10 0	1 0 0
Mutton (2nd class)	.....	.....	0 10 0	.....
Beef (2nd and 3rd classes)	.....	.....	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets :—

Wholesale.—Chetla Hât, Ramkrishnapur Hât, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphananj Market, Sobha Bazar, Nutan Bazar, Raja Babu's Bazar, Bow Bazar, Jogu Babu's Bazar.

S. C. ROY,

for President, Advisory Food Committee.

CALCUTTA, the 15th September 1919.

IRRIGATION DEPARTMENT, BENGAL.

Abstract Statement showing the approximate volume of Traffic and the Tollage on Canals in Bengal classed as Major Works and Minor Works and Navigation for the month of July 1919, as compared with the corresponding month of the previous year.

Canals.	1919-20.					
	WEIGHT OF CARGO.		RAFTS.		TOLLAGE.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>I.—Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	7,424	29,893	...	6,944	4,302	16,134
Hijili Tidal Canal ...	8,414	37,072	402	2,435	5,938	29,813
Total ...	15,838	66,965	402	9,379	10,240	45,947
<i>II.—Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	33,861	150,070	1,262	5,960	20,986	99,296
Tolly's Nala ...	16,499	70,853	12,800	45,000	6,223	23,844
Madaripur Bheel ...	61,534	393,922	6	845	19,746	85,701
Total ...	111,894	614,845	14,068	51,805	46,955	2,08,841
Magrahat Channels...	5,363	22,102	...	...	2,669	7,296
Orissa Coast Canal ...	2,498	17,695	...	2,475	872	4,757
Nadia Rivers ...	4,980	10,412	287,200	293,253	968	2,866
GRAND TOTAL ...	124,735	665,054	301,268	347,533	51,464	2,23,760

Canals.	1918-19.					
	WEIGHT OF CARGO.		RAFTS.		TOLLAGE.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>I.—Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	7,714	32,547	600	3,550	4,794	19,942
Hijili Tidal Canal ...	8,604	24,117	...	1,202	7,473	20,658
Total ...	16,318	56,664	600	4,752	12,267	40,600
<i>II.—Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	40,625	168,470	1,053	11,118	23,312	100,999
Tolly's Nala ...	16,271	63,080	6,925	29,946	6,030	20,661
Madaripur Bheel ...	111,533	507,239	6	599	25,755	1,12,435
Total ...	168,429	738,789	7,984	41,663	55,097	2,34,095
Magrahat Channels...	4,691	12,707	...	...	2,347	7,416
Orissa Coast Canal ...	3,684	13,661	5	5,680	1,362	4,959
Nadia Rivers ...	10,114	22,737	159,332	159,387	1,909	5,767
GRAND TOTAL ...	186,918	787,894	167,321	206,680	60,715	2,52,237

CALCUTTA,
The 13th September 1919.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	Monghyr ...	5th Sept. 1919	6 A.M. ...	25.37'	101.83'	127.20'	0.70'	...	122.20'	121.00'
	Rajmahal ...	5th " "	6 " "	25.85'	56.319'	82.169'	0.55'	...	81.16'	79.81'
	Goajando ...	5th " "	8 hours ...	21.50'	...	...	Steady	21.50'	24.70'	...
Brahmaputra	Gauhati ...	5th " "	8 A.M. ...	18.30'	148.76'	167.06'	1.70'	...	172.46'	172.56'
	Seraiganj ...	5th " "	12 hours ...	34.00'	...	...	1.60'	...	...	...
	Dibrugarh ...	5th " "	8 A.M. ...	17.00'	...	...	...	0.20'	...	...
Meghna	Bhairab Bazar ...	5th " "	6 hours ...	14.83'	1.61'	16.44'	...	0.25'	...	...
	Chandpur ...	5th " "	14 " "	10.75'	1.61'	12.36'	0.25'	...	...	...
	Fenchuganj ...	5th " "	7 A.M. ...	23.80'	...	...	...	0.16'	...	...
Dhaleswari	Sabhar ...	5th " "	7 " "	25.10'	-8.62'	16.48'	...	0.10'	...	...
	Swarupganj ...	5th " "	6 " "	25.99'	1.509'	27.499'	...	0.22'	24.03'	29.95'
Damodar	Edilpur ...	5th " "	6 " "	15.92'	92.58'	108.50'	3.92'	...	...	...
Lakhya	Narayanganj ...	5th " "	" "	20.08'	-5.59'	14.49'	Steady	...	...	...
Madaripur Pil Route	Takerhat ...	5th " "	6 A.M. ...	13.00'	-0.599'	12.401'	Steady	...	...	...

* Reading on 4th September 1919 was 16.38' (height above Public Works Department) instead of 16.88' as previously published.

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN--		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	6th Sept. 1919	6 A.M. ...	25.67'	101.83'	127.50'	0.30'	...	121.80'	121.00'	
	6th "	6 " ...	26.40'	56.319'	82.719'	0.55'	...	81.06'	79.86'	
	6th "	8 hours ...	21.80'	...	...	0.30'	...	21.50'	24.50'	
Brahmaputra	6th "	8 A.M. ...	19.40'	148.76'	168.16'	1.10'	...	172.36'	171.96'	
	6th "	12 hours ...	34.30'	...	...	0.30'	...	...	...
	6th "	8 A.M. ...	17.10'	...	...	0.10'	...	...	...
Meghna	6th "	6 hours ...	14.75'	1.61'	16.36'	...	0.08'	...	...
	6th "	14.30 " ...	11.00'	1.61'	12.61'	0.25'	...	...	...
	6th "	7 A.M. ...	23.80'	...	...	Steady		...	...
Dhaleswari	6th "	7 " ...	25.00'	-8.62'	16.38'	...	0.10'	...	...
	6th "	6 " ...	26.42'	1.509'	27.929'	0.43'	...	23.93'	29.75'	
Damodar	6th "	6 " ...	13.50'	92.58'	106.08'	...	2.42'	...	...
	6th "	...	20.25'	-5.59'	14.66'	0.17'	...	...	...
Lakhya	6th "	...	13.00'	-0.399'	12.401'	Steady		...	...
Madaripur Bil Route	6th "	6 A.M. ...	13.00'	-0.399'	12.401'	Steady		...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	Monghyr ...	8th Sept. 1919	6 A.M. ...	26.37'	101.83'	128.20'	0.50'	...	121.30'	122.30'
	... { Rajmahal ...	8th " "	6 " "	27.25'	56.319'	83.559'	0.35'	...	80.56'	80.01'
	... { Goalundo ...	8th " "	8 hours ...	22.40'	...	...	0.30'	...	21.60'	24.20'
Brahmaputra	Gauhati ...	8th " "	8 A.M. ...	20.70'	148.76'	169.45'	0.80'	...	171.46'	172.16'
	... { Seraiganj ...	8th " "	12 hours ...	35.00'	...	...	0.30'	...	...	...
	... { Dibrugarh ...	8th " "	8 A.M. ...	17.90'	...	...	0.40'	...	...	...
Meghna	Bhairab Bazar ...	8th " "	6 hours ...	14.83'	1.61'	16.44'	...	0.17'	...	...
	... { Chandpur ...	8th " "	17 " "	11.58'	1.61'	13.49'	0.33'	...	...	...
	... { Fenchuganj ...	8th " "	7 A.M. "	23.90'	...	...	0.10'	...	...	...
Dhaleswari	Sabbar ...	8th " "	7 " "	25.50'	-8.62'	16.88'	0.20'	...	...	...
Bhagirathi	Swarupganj ...	8th " "	6 " "	26.97'	1.509'	28.479'	0.30'	...	23.73'	29.29'
Damodar	Edilpur ...	8th " "	6 " "	13.42'	92.58'	106.00'	...	3.66'	...	...
Lakhya	Narayanganj ...	8th " "	...	20.42'	-5.59'	14.83'	Steady	...	...	...
Madaripur Bil Ronte	Takerbat ...	8th " "	6 A.M. ...	13.00'	-0.599'	12.401'	Steady	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAYS' HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	Monghyr ...	9th Sept. 1919	6 A.M.	26.67'	101.83'	128.50'	0.30'	...	121.30'	122.60'
	... { Rajmahal ...	9th "	6 "	27.55'	56.319'	83.869'	0.30'	...	80.51'	80.46'
	... { Goalundo ...	9th "	8 hours	22.70'	..	...	0.30'	...	21.40'	24.00'
Brahmaputra	Gauhati ...	9th "	8 A.M.	21.20'	148.76'	169.96'	0.50'	...	170.76'	172.26'
	... { Serajganj ...	9th "	12 hours	35.50'	...	...	0.50'	...	...	...
	... { Dibrugarh ...	9th "	8 A.M.	18.90'	...	...	1.00'	...	...	...
Meghna	Bhairab Bazar	9th "	6 hours	15.08'	1.61'	16.69'	0.25'	...	...	...
	... { Chandpur ..	9th "	6 "	11.58'	1.61'	13.19'	Steady	...	...	...
	... { Fenchuganj ...	9th "	7 A.M.	24.00'	...	...	0.10'	...	...	...
Dhaleswari	... Sabhar ...	9th "	7 "	25.80'	-8.62'	17.18'	0.30'	...	...	...
Bhagirathi	... Swarupganj ...	9th "	6 "	27.25'	1.509'	28.759'	0.28'	...	23.53'	29.09'
Damodar	... Edilpur ...	9th "	6 "	13.25'	92.58'	105.83'	...	0.17'	...	...
Lakhya	... Narayanganj	9th "	...	20.75'	-5.59'	15.16'	0.33'	...	...	...
Madaripur Bil Route	... Takerhat ...	9th "	6 A.M.	13.00'	-0.599'	12.401'	Steady	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAYS HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IS—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	10th Sept. 1919	6 A.M.	26.87'	101.83'	128.70'	0.20'	...	121.90'	123.10'	
	10th " "	6 "	27.80'	56.319'	84.119'	0.25'	...	80.51'	80.71'	
	10th " "	8 hours	22.90'	...	...	0.20'	...	21.10'	23.80'	
Brahmaputra	10th " "	8 A.M.	22.00'	148.76'	170.76'	0.80'	...	170.36'	172.76'	
	10th " "	12 hours	36.30'	...	...	0.80'	...	...	...
	10th " "	8 A.M.	19.00'	...	...	0.10'	...	...	...
Meghna	10th " "	6 hours	15.17'	1.61'	16.78'	0.09'	...	...	...
	10th " "	6-30 "	12.00'	1.61'	13.61'	0.42'	...	...	...
	10th " "	7 A.M.	24.20'	...	...	0.20'	...	...	...
Dhaleswari	10th " "	7 "	26.10'	- 8.62'	17.48'	0.30'	...	...	...
Bhagirathi	10th " "	6 "	27.47'	1.509'	28.979'	0.22'	...	23.32	28.88'	
Damodar	10th " "	6 "	13.00'	92.58'	105.58'	...	0.25'	...	...
Lakhya	10th " "	...	21.00'	- 5.59'	15.41'	0.25'	...	...	...
Madaripur Bil Route	10th " "	6 A.M.	13.00'	- 0.599'	12.401'	Steady	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 11th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IS—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	11th Sept. 1919	6 A.M. ...	26.67	101.83	128.50	..	0.20	122.20	123.10	
	11th "	6 "	28.20	56.319	84.519	0.40	...	80.71	80.86	
	11th "	8 hours	23.00	...	...	0.10	...	20.90	23.70	
Brahmaputra	11th "	8 A.M. ...	23.00	148.76	171.76	1.00	...	170.26	173.06	
	11th "	12 hours	36.70	..	...	0.40	...	...	...
	11th "	8 A.M. ...	19.50	...	...	0.50	...	...	...
Meghna	11th "	6 hours	15.17	1.61	16.78	Steady		...	...
	11th "	7 "	12.00	1.61	13.61	Steady		...	...
	11th "	7 A.M. ...	24.40	...	...	0.20	...	...	...
Dhaleswari	11th "	7 "	26.40	-8.62	17.78	0.30	...	...	...
	11th "	6 "	27.69	1.509	29.199	0.22	...	23.23	28.64	
Damodar	11th "	6 "	11.50	92.58	104.08	...	1.50	...	...
Lakhya	11th "	...	21.25	-5.59	15.66	0.25	...	...	...
Madaripur Btl Route	11th "	6 A.M. ...	13.00	-0.593	12.401	Steady		...	...

IRRIGATION DEPARTMENT, BENGAL.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1919-20.

Area leased for irrigation up to end of July 1919.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	DETAILS OF AREAS LEASED.										RAINFALL, 1919-20.		RAINFALL, 1918-19.		
								Long-term leases.					SEASON LEASES.					Grand Total.	During month.	Up to end of month.	During month.	Up to end of month.
								Acres.	Acres.	Acres.	Acres.	Acres.	Rail.	Sugarcane.	Hot-weather.	Total.	Acres.					
SOUTH-WESTERN	Midnapore	Midnapore	1,411	648	618	71,568 ^a	62,727	62,571†	10,000	...	...	...	10,000	72,571	8.01	30.44	10.33	34.03	
		Panchkura	522	20	21	3,697	5,456	6,715	...	...	...	...	6,715	13.96	35.84	10.58	32.87	
	Howrah	Tidal Reaches, Ranges I and II.	...	...	...	...	...	...	...	...	...	...	...	...	13.48	36.24	7.97	36.52
		Total Midnapore Canal	...	...	...	75,265	68,183	69,286	10,000	...	...	...	10,000	79,286	...	...	...	...
	Burdwan and Hooghly	Burdwan and Hooghly	Total of the corresponding period of last year.	70,916	2,436	2,436	73,346			
Eden canal			1,000	332	332	13,182	5,868	17,156†	...	30	22	168	17,208	12.21	29.61	8.25	36.16					
Total of the corresponding period of last year.			...	...	...	...	...	18,419	20	...	12	32	18,451	...	...	...	...	...
GRAND TOTAL			...	...	...	88,447	74,051	86,442	10,000	30	22	10,168	96,494	...	...	...	...	...
			GRAND TOTAL OF THE CORRESPONDING PERIOD OF LAST YEAR.	...	...	...	...	89,335	2,450	...	12	2,462	91,797	...	...	...	...	...

^a Of which 24 acres are single watering.

† Of which 65 acres are single watering.

‡ Of which 116 acres are single watering.

CALCUTTA,

The 11th September 1919.

G. J. ST. C. SEDGLEY,

Under-Secy. to the Govt. of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 13th September 1919, as compared with the corresponding week of the previous year.

Nature of Cargo.	WEEK ENDING SATURDAY, THE 13TH SEPTEMBER 1919.			WEEK ENDING SATURDAY, THE 14TH SEPTEMBER 1918.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ...	348	42,765	694	905	123,821	2,033
Jute ...	138	52,240 ^o	546	100	49,791 [†]	500
Firewood ...	83	38,700	585	115	46,900	710
Other articles ...	813	212,584	2,157	862	193,728	2,087
Total ...	1,382	346,289	4,022	1,982	414,240	5,330
Empty boats and rafts ...	427	...	807	501	...	1,257
GRAND TOTAL	1,809	346,289	4,829	2,483	414,240	6,587

Mds.
* Weight by canal measurement ... 60,837[‡]
† Ditto ditto ... 48,887[‡]

CALCUTTA,
The 16th September 1919.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the gauge-readings at Dacca Water-works Station on the river Burliganga for the week ending the 6th September 1919.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 6 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1919.							
31st Aug.	64.05	...	...	...	...	64.0	
1st Sept.	63.9	...	...	...	...	63.9	
2nd "	63.85	...	...	...	...	63.8	
3rd "	63.7	...	...	...	...	63.7	
4th "	63.7	...	...	...	...	63.7	
5th "	63.6	...	...	...	...	63.55	
6th "	63.5	...	...	...	...	63.45	

Notable high and low water-levels of previous years.

27th August	1906	70.5	} Taken at high tide
5th September	1909	...	...	...	67.86
10th August	1910	...	...	...	69.86
1st "	1911	...	...	...	68.46
18th "	1912	...	...	...	67.16
31st "	1915	...	...	...	69.7
18th "	1916	...	...	...	68.1
12th "	1917	67.1	} Taken at low tide.
31st "	1918	...	...	...	69.12
28rd February	1907	...	...	...	51.06
18th "	1908	...	...	...	51.06
12th March	1912	...	...	...	51.06
6th "	1914	...	...	...	50.60
22nd February	1915	...	...	...	50.20
15th "	1916	...	...	...	50.60
8rd March	1917	...	...	...	51.0
21st February	1918	...	...	...	51.40

DACCA.
The 9th September 1919.

B. B. RAY,
for Executive Engr., Dacca Division.

**Statement of Weekly Gauge-readings on the River Ganges at Rampur-
Boalia for the week ending the 6th September 1919.**

Date.	Hour.	Height of surface above or below zero : minus sign for those below zero.	Height of surface above mean sea- level according to P. W. D. datum.(a)	Height of surface above mean sea- level on the same date last year according to P. W. D. datum.(a)	Remarks.
1919.					
31st August ...	8 A.M.	Zero of gauge is at mean sea- level.	60.10	61.61	B. M. on College step corrected (P. W. D.) 64.93.
1st September	8 "		60.00	61.41	
2nd "	8 "		59.90	61.01	
3rd "	8 "		59.70	60.61	
4th "	8 "		59.70	60.21	
5th "	8 "		60.10	59.81	
6th "	8 "		60.70	59.81	

(a) Datum corrected by adding 1.51 to the value of zero, vide Superintending Engineer's No. $\frac{2876}{8-33-17}$, dated 10th May 1919, and Bengal Government, Public Works Department, Irrigation Branch, Resolution No. 4521, dated 17th February 1919.

				Old value.	According to P. W. D. datum.
The previous year	...	Highest water-level	...	66.52 on 30th August 1918	61.71
Ditto	...	Lowest	"	41.70 on 21st April 1918	36.89
Record	...	Highest	"	69.25 on 26th August 1879	64.44
Do.	...	Ditto	"	69.08 on 9th September 1885	64.27
Do.	...	Ditto	"	68.30 on 25th August 1906	63.47
Do.	...	Ditto	"	68.21 on 26th August 1890	63.40
Do.	...	Lowest	"	37.63 on 26th April 1884	32.82
Do.	...	Ditto	"	58.13 on 14th—15th April 1883	33.32
Do.	...	Ditto	"	39.02 on 21st—22nd April 1897	34.21
Do.	...	Ditto	"	39.28 on 6th—7th May 1908	34.47

N. B.—The gauge-readings commenced from the 1st August 1887.

BOALIA, S. C. BHATTACHARJI,
The 6th September 1919. for Executive Engineer, Rajshahi Divn.

**Statement of weekly gauge-readings on the rivers Ganges and
Brahmaputra at Goalundo for the week ending 6th September 1919.**

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea- level on same date last year.	Remarks.
1919.					
31st August ...	7 A.M.	22.0	22.0	25.1	Zero is placed at mean sea-level.
1st September	7 "	22.0	22.0	25.2	The bench mark for the gauge is on a pucca pillar between the passenger ghât and Chandpore ghât. Its reduced level is 22.41.
2nd "	7 "	21.8	21.8	25.1	
3rd "	7 "	21.6	21.6	25.0	
4th "	7 "	21.5	21.5	24.9	
5th "	7 "	21.5	21.5	24.7	
6th "	7 "	21.8	21.8	24.5	

The previous year ...	Highest water-level ...	25.2 on 1st September 1918.
Ditto ...	Lowest " ...	5.3 on 9th March 1918.
Record (H.F. in Brahmaputra and Ganges) ...	Highest " ...	25.75 on 28th August 1906.
Record (average flood in Brahmaputra and Ganges) ...	Ditto " ...	25.74 on 20th and 21st August 1893.
Record (H.F. in Brahmaputra and Ganges) ...	Ditto " ...	25.66 on 11th to 17th and 31st August and on 1st to 3rd September 1892.
Record (H.F. in Brahmaputra only) ...	Ditto " ...	25.66 on 31st July 1900.
Do. ...	Lowest " ...	1.0 on 8th February 1914.
Do. ...	Ditto " ...	2.42 on 13th March 1908.
Do. ...	Ditto " ...	2.91 on 21st to 24th February and 8th to 9th March 1894.
Do. ...	Ditto " ...	3.16 on 9th to 11th March 1885.
Do. ...	Ditto " ...	3.16 on 16th, 17th and 29th to 31st March 1901.

N. B.—The gauge-readings commenced from 3rd October 1903.

FARIDPUR, R. K. GHOSE,
The 7th September 1919. for Subdivisional Officer, P. W. D., Faridpur.



The Calcutta Gazette

WEDNESDAY, SEPTEMBER 24, 1919.

SUPPLEMENT.

OFFICIAL PAPERS.

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REPORT ON FAMINE IN THE DISTRICT OF BANKURA FOR THE WEEK ENDING 13TH SEPTEMBER 1919.

THE rainfall during the week was general and sufficient. The agricultural prospects are favourable. Seventy-seven relief works were open during the week. The number of persons relieved on works was 11,355. The number of persons in receipt of gratuitous relief was 13,870, viz., 8,722 on cash doles in 122 unions, 3,683 on paddy-husking advances, 885 weavers and 580 better class poor. The grand total of persons relieved was 25,225. The increase in the number of persons on relief works was due to the completion of field operations, and the decrease in the numbers in receipt of cash doles was due to improvement in the situation. The number of persons relieved on private works was 680. The charitable societies also relieved 805 persons by weekly doles and 900 persons by daily doles and cooked food. During the week three cases of theft of food-grain were reported. Public health is generally good. The outbreak of malaria and cholera is reported from certain localities. The relief measures are adequate. The price of common rice varies from $4\frac{1}{8}$ to $5\frac{1}{8}$ seers in the rupee. Burma rice is being sold.

M. C. MCALPIN,
Secy. to the Govt. of Bengal.

DARJEELING, the 18th September 1919.

FINAL FORECAST OF THE JUTE CROP, 1919.

Consolidated statement for Bengal, Bihar and Orissa, and Assam.

Area.—The estimated area for the three Provinces is 2,821,575 acres, an increase of 321,193 acres on last year's figures.

Yield.—It is estimated that the crop will yield 8,486,234 bales of jute, an increase of 1,467,146 bales on last year's returns.

Remarks.—Last year's estimates for Bihar and Orissa and Assam have been revised by the respective local Departments.

The consolidated figures are as follows:—

PROVINCE.	AREA IN ACRES.			YIELD IN BALES.		
	1918.	1919.	Difference.	1918.	1919.	Difference.
Bengal (including Cooch Behar).	2,249,026	2,498,145	+ 249,119	6,392,137*	7,637,630	+ 1,245,493
Bihar and Orissa ...	149,256*	203,430	+ 54,174	398,742*†	554,070†	+ 155,328
Assam ...	102,100*	120,000	+ 17,900	228,209*	294,534	+ 66,325
Total ...	2,500,382	2,821,575	+ 321,193	7,019,088	8,486,234	+ 1,467,146

* Revised.

† Including Nepal.

The Departmental Final Forecasts for each of the three Provinces are appended.

R. S. FINLOW,

Offg. Director of Agriculture, Bengal.

CALCUTTA,

The 19th September 1919.

[*Gratis.*]

APPENDIX.

Abstract Statement of Estimated Acreage and Outturn of the Jute Crop, 1919.

(For Bengal, Bihar and Orissa and Assam consolidated.)

ACREAGE.							OUTTURN IN BALES OF 400 LBS.								
Of current year's crop.	Of previous year's crop.	Average of five preceding years (viz., 1913 to 1917).	Average of ten preceding years (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 1 EXCEEDS (+) OR FALLS SHORT OF (-) AREA IN—			Estimated yield of current year.	YIELD OF PREVIOUS YEAR ACCORDING TO—		Average of five preceding years (viz., 1913 to 1917).	Average of ten preceding years (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 8 EXCEEDS (+) OR FALLS SHORT OF (-) OUTTURN IN—			
				Column 2.	Column 3.	Column 4.		Crop forecast.	Trade statistics.			Column 9 (a).	Column 9 (b).	Column 10.	Column 11.
1	2	3	4	5	6	7	8	9(a)	9(b)	10	11	12	13	14	15
2,821,675	2,500,982*	2,516,500	2,883,200	+12.8	+0.16	-2.1	8,486,234	7,019,088 ^c	7,631,028	5,797,500	8,351,500	+20.9	+11.19	-3.5	+1.6

* Revised.

DEPARTMENT OF AGRICULTURE, BENGAL.

Final Forecast of the Jute Crop of Bengal for 1919.

(Note.—On an average of the five years ending 1917-18 the area under jute to which this forecast relates represents 87·6 per cent. of the total area under jute in British India.)

Season.—As stated in the preliminary forecast, the weather was, on account of drought in March, unfavourable for the sowing of the low land crop, in late February and early March. Only about 30 per cent. of the low land crop was sown at the normal time, and even this was so severely affected by the drought, that premature flowering took place on a wide scale. In East and North Bengal a very large area was sown, in low lands as well as high lands, in the favourable weather in the latter part of April; and the late sown low land crop, in particular, was benefited, by the comparatively scanty rainfall and the slow rise of the rivers in East Bengal in May. In West Bengal a good deal of jute was sown on somewhat heavy rain at the beginning of May; but insufficient rain afterwards hindered further sowings until the end of May and, in some places, till the beginning of June. Subsequently, with the exception of parts of West Bengal, where the rainfall has been rather too heavy, the season has been generally excellent for the jute crop, which made great progress in consequence. There has been a certain amount of damage by insects; but nothing serious anywhere.

Condition of the crop.—In the early part of the season, the jute crop was curiously uneven in appearance; but latterly the unusually favourable weather has, as already remarked, produced about an average crop out of what might easily, under other circumstances, have been a failure. These same conditions are, now however, adversely influencing the harvesting of the crop. A larger proportion than usual is, on account of low rivers and insufficient rain, still standing in some tracts, and it may even prove difficult to extract the fibre from a part of this.

Acreage.—The area under jute is returned at 2,498,145 acres, an increase of 249,119 acres on last year's final figures. The increase is ascribed chiefly to the high prices realized for last year's crop.

Outturn.—As in previous years, the percentage figures are calculated on the basis of Divisional normals, which remain as follows:—Dacca and Chittagong 3·7 each, Rajshahi 3·5, Presidency and Burdwan 3·2 bales per acre.

The total outturn of the Bengal crop is returned at 7,637,630 bales of 400 lbs. against 6,392,137* bales in last year's forecast, an increase of 1,245,493 bales.

R. S. FINLOW,

Offg. Director of Agriculture, Bengal.

CALCUTTA,

The 19th September 1919.

* Revised.

APPENDIX I.

Final Forecast of the Jute Crop of Bengal, 1919.

DISTRICT.	ESTIMATED AREA UNDER JUTE.		ESTIMATED OUTTURN AS A PERCENTAGE OF THE NORMAL YIELD PER UNIT OF AREA.		ESTIMATED TOTAL YIELD.		Date by which harvesting generally commenced, and whether that date was early, normal or late.	REMARKS BY DISTRICT OFFICERS.
	Last year.	This year.	Last year.	This year.	Last year.	This year.		
1	2	3	4	5	6	7	8	9
	Acre.	Acre.			Bales.	Bales.		
24-Parganas ...	44,425	63,809	73	83	103,777	167,512	Middle of August. Normal.	The increase in area is due to expectation of a good jute market. The increase in the percentage as well as the total outturn is due to a very good crop in the Basirhat subdivision, the largest jute-growing area of the district.
Nadia ...	50,273	67,105	61	71	98,132	154,834	End of July. Normal	Increase of area as compared with last year's estimate is due to high price of jute obtained last year.
Murshidabad ...	12,189	20,826	57	94	22,233	62,455	Middle of August. Normal.	The weather conditions have been fairly favourable. The increase in area as compared with last year's estimate is due to expectation of a good jute market.
Jessore ...	52,034	84,637	73	88	121,551	239,644	August. Normal ...	The increase in the estimated area as compared with the preliminary forecast is due to Bangaon figures having been revised after the submission of the preliminary forecast.
Khulna ...	22,805	21,668	96	90	70,057	62,559	August. Normal.	Decrease in area is due to unfavourable weather at sowing time.
Burdwan ...	5,605	8,630	80.8	89	14,465	18,904	End of August. Normal.	Favourable weather conditions during the sowing time and anticipated good market account for the increase in area this year. The outturn falls below the normal on account of excessive rainfall from the end of July to end of August and insect pest in the Kalna subdivision.
Midnapore ...	10,555	11,948	80.93	81.25	27,335	31,074	End of August. Normal.	Favourable weather conditions at sowing time account for the increased area. Subsequent heavy rains badly affected the crop and lowered the outturn.
Hooghly ...	27,234	30,862	87.8	93.73	76,520	92,568	Last week of August. Normal.	The favourable weather conditions and the anticipated high price of jute account for the increase of area.
Howrah ...	7,266	9,820	84.99	86.81	19,761	27,384	Last week of August. Normal.	Slight decrease in area as compared with the area shown in the preliminary forecast is due to failure of some late sown crops. Favourable weather at sowing time accounts for the increase in area as compared with last year. Subsequent drought followed by heavy rains adversely affected the crop and lowered the outturn.
Rajshahi ...	74,300	73,597	80	88	208,040	227,038	Middle of July. Normal.	
Dinajpur ...	60,000	60,978	85.7	91.7	179,970	195,923	Beginning of August. Normal.	Increase in area is due to good market and favourable weather during sowing time. Inadequate rainfall after sowing caused the outturn to fall below the normal.
Jaipalguri ...	45,890	49,306	80	101	128,492	174,296	Middle of August. Normal.	The crop is very good this year.
Darjeeling ...	2,000	2,215	75	103	5,350	8,000	First week of August. Normal.	The weather condition has been on the whole favourable. The crop is better than last year.
Rangpur ...	200,173	207,664	78	103	546,472	764,073	August. Normal ...	Up to the end of July the season was generally favourable. The rainfall in August was seriously below the normal and steeping was retarded for want of water. There has been a certain amount of rain in September which has improved the situation.

DISTRICT.	ESTIMATED AREA UNDER JUTE.		ESTIMATED OUTTURN AS A PERCENTAGE OF THE NORMAL YIELD PER UNIT OF AREA.		ESTIMATED TOTAL YIELD.		Date by which harvesting generally commenced, and whether that date was early, normal or late.	REMARKS BY DISTRICT OFFICERS.
	Last year.	This year.	Last year.	This year.	Last year.	This year.		
1	2	3	4	5	6	7	8	9
	Acres.	Acres.			Bales.	Bales.		
Bogra ...	66,438	69,945	75	80	174,400	195,846	Middle of July. Normal	The weather was unfavourable at sowing time and for some time after, which affected the growth of the crop. The weather, however, subsequently became favourable.
Pabna ...	105,102	103,010	81'4	88	292,435	317,276	Middle of July. Normal	Some damage was done by insects in the early stages, but weather being favourable a better crop than last year is expected.
Malda ...	29,000	26,600	80	66	81,200	61,180	Middle of August. Late.	The area has been increased by 200 acres over the preliminary forecast after checking. The decrease, as compared with last year, is due to unfavourable weather at sowing time.
Dacca ...	293,452	283,517	79'7	85	862,734	879,677	End of June. Early	The weather was unfavourable at the beginning, but subsequently it became favourable and helped the growth of the crop.
Mymensingh ...	577,922	628,944	81	87	1,733,766	2,021,450	End of July. Normal	The crop was good, but the cultivators have been experiencing much difficulty in steeping jute for want of sufficient water.
Faridpur ...	318,100	238,400	81	84	656,620	801,040	End of July. A little late.	The outturn falling below the normal is due to late sowing and subsequent drought.
Bakerganj ...	50,227	56,633	88	77	164,320	161,476	July. Early ...	The reasons for the fall in outturn are:— (1) Late sowing for want of timely rainfall. (2) A long spell of dry weather in May retarding growth of the crop. (3) Early harvesting of the crop due to a good market.
Chittagong ...	200	200	81	81	600	600	First week of September.	
Tippera ...	227,621	266,841	77'8	80	656,208	782,126	Normal at Ohandpur, late in Sadar and Brahmanbaria.	The increase in area is attributed to high price of jute prevailing last year. The weather was unfavourable at the time of sowing. Lack of rainfall at the outset also impeded the growth of the crop. The showers of June, however, improved its condition. The weather since then has been satisfactory.
Noakhali ...	37,500	54,500	70	65	97,500	136,800	Beginning of July. Early.	The increase in area sown is based upon enquiries made since the submission of the preliminary forecast. There was deficient rainfall in April and May and excessive rainfall in June and July. Much immature jute was cut on account of high prices obtained by raiyats in July and August. This also caused a falling off in the outturn.
Total for Bengal.	2,219,212	2,438,955	.....	.....	6,313,112	7,567,832	.....
Add for Cooch Behar.	29,814	39,190	47	51	43,308*		July to middle of August. Normal	The weather was favourable at the time of sowing and weeding. There has been a lack of sufficient water for steeping owing to drought early in August which prevented harvesting in good time. There was, however, good rainfall in the latter part of August and beginning of September in some parts of the State, which facilitated cutting and steeping.
GRAND TOTAL	2,249,026	2,498,145	.....	.....	6,356,420*	7,637,630	.....

* Revised.

RAHIB BRUT APPENDIX II. DEPARTMENT OF AGRICULTURE

Statement of rainfall in July and August each year from 1916 to 1919.

DISTRICT.	RAINFALL IN JULY.					RAINFALL IN AUGUST.				
	1916.	1917.	1918.	1919.	Normal.	1916.	1917.	1918.	1919.	Normal.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
24-Parganas	8.52	14.88	9.57	14.52	13.21	17.25	13.58	13.35	19.87	12.21
Nadia	3.55	11.21	5.83	13.03	10.17	10.43	7.05	12.45	7.53	10.52
Murshidabad	6.88	13.08	8.27	10.92	10.94	10.94	6.89	26.24	8.66	11.00
Jessore	6.12	12.28	8.82	15.25	10.98	14.42	9.25	12.42	10.56	10.76
Khulna	8.11	15.22	20.59	20.38	15.04	15.43	13.12	13.85	16.41	12.88
Burdwan	4.91	13.34	8.11	10.71	11.39	12.20	9.52	18.53	10.11	11.12
Midnapore	5.14	11.90	7.01	10.23	12.47	11.31	1.49	11.19	16.97	11.00
Hooghly	3.72	10.83	10.41	11.54	12.06	14.82	8.59	10.66	12.56	11.40
Howrah	5.94	8.28	10.00	14.95	12.92	17.07	11.60	10.23	23.17	11.17
Rajshahi	11.58	12.38	7.02	17.18	11.60	13.12	8.97	22.46	10.90	10.43
Dinajpur	27.16	14.95	18.27	15.78	16.16	18.40	7.23	21.24	8.05	14.31
Jalpaiguri	54.73	27.07	32.58	36.01	34.06	26.84	25.13	27.29	11.01	23.92
Darjeeling	23.37	36.03	28.89	34.46	21.34	19.28	22.27	26.94	17.09	26.30
Rangpur	27.98	12.69	24.94	18.12	14.64	15.53	5.51	27.08	5.23	13.21
Bogra	14.41	8.87	10.73	17.68	12.71	6.01	8.73	22.32	8.09	12.02
Pabna	5.14	11.94	5.33	14.82	11.10	18.30	7.75	14.91	12.07	10.95
Malda	14.23	14.16	9.69	21.22	11.74	10.38	5.21	26.07	13.25	11.11
Dacca	10.81	17.27	17.94	16.87	12.95	17.42	11.79	19.41	9.91	12.65
Mymensingh	19.09	14.80	21.21	21.26	16.37	25.40	12.78	27.29	10.85	16.68
Faridpur	8.76	13.72	12.97	20.05	12.30	18.89	10.75	13.19	14.26	13.08
Bakarganj	13.62	20.52	18.67	23.74	18.15	18.25	18.70	21.71	20.14	16.25
Chittagong	17.41	27.18	31.34	35.38	26.80	29.97	17.66	20.06	26.71	22.79
Tippera	7.37	16.75	17.77	16.43	13.71	14.51	13.63	13.64	12.74	14.01
Noakhali	15.06	23.57	18.06	27.74	23.79	28.32	18.46	22.21	22.16	23.49
Cooch Behar	59.74	21.31	27.74	24.99	24.68	20.36	13.30	25.06	8.61	21.23

NOTE.—The figures given above are the averages for all the rain registering stations in each district.

DEPARTMENT OF AGRICULTURE, BIHAR AND ORISSA.

Final Forecast of the Jute Crop of Bihar and Orissa, 1919.

(Note.—On an average of the five years ending 1918-19, the area under jute to which the Bihar and Orissa forecast relates, represents about 9·1 per cent. of the total area under jute in British India.)

Acreage.—The final district returns of the seven jute-growing districts of the province show an area under jute of 203,430 acres or in round numbers 203,400 acres, as compared with 202,800 acres reported in the preliminary forecast, 1919, and 149,300 acres, the revised figure for last year. The increase in area is due to better prices obtained last year as also to prospect of better prices this year.

Weather conditions.—In March and April the rainfall was below the normal in all jute districts except Cuttack and Balasore, where it was above the normal in the latter month. In May the rainfall was below the normal everywhere except Balasore, where it was above the normal. In June the rainfall was above the normal in all jute districts except Champaran and Muzaffarpur, where it was slightly below the normal. In July, the rainfall was above the normal in Muzaffarpur, Bhagalpur, Purnea and the Santal Parganas and below the normal in the remaining three districts. In August it was above the normal in the Santal Parganas, Cuttack and Balasore, but below the normal in Purnea, Bhagalpur and especially in Champaran and Muzaffarpur. Difficulty is experienced in parts of Purnea for steeping the crop for want of sufficient rainfall. Damage has been done by recent floods in Cuttack.

Outturn.—In the important districts of Purnea and Cuttack the outturn of the crop has been reported at 83 and 59 per cent. of the normal, respectively. Champaran, Muzaffarpur and Balasore report an yield of 95, 92 and 90 per cent., respectively. The Santal Parganas anticipates a normal crop, while Bhagalpur reports 77 per cent. only.

On the basis of the area and percentage outturn reported by the District Officers and taking three bales as the normal outturn per acre, the total gross outturn of the crop for the province this year comes to 495,859 bales or in round numbers 495,900 bales against 335,300 bales, the revised figure for last year.

The average import of raw jute into this province from Nepal during the last three years was equivalent to 58,211 bales. This figure added to the figure for the province arrived at gives a total for Bihar and Orissa of 554,070 bales or in round numbers 554,100 bales.

A. C. DOBBS,

*Offg. Director of Agriculture,
Bihar and Orissa.*

RANCHI,

The 10th September 1919.

APPENDIX I.

Final Forecast of the Jute Crop of Bihar and Orissa for 1919.

DIVISION.	District.	Total area of the district.	Estimated total area under cultivation.	Estimated normal area under jute. (This figure has been arrived at by taking the average of 10 years immediately preceding the year to which this forecast relates.)	ESTIMATED AREA UNDER JUTE.		ESTIMATED OUTTURN AS A PERCENTAGE OF A NORMAL YIELD PER UNIT OF AREA.		ESTIMATED TOTAL YIELD.		Date by which harvesting generally commenced, and whether that date was early, normal or late.	REMARKS BY DISTRICT OFFICERS.
					Last year (1918).	This year (1919).	Last year (1918).	This year (1919).	Last year (1918).	This year (1919).		
1	2	3	4	5	6	7	8	9	10	11	12	13
Tidkot	Champur	Acres. 2,329,346	Acres. 1,430,300	Acres. 1,300	Acres. 2,400	Acres. 2,400	100	95	Bales. 7,300	Bales. 6,540	Between August and September. Normal.	Rainfall has not been favourable for the crop. The present condition of the crop is fair. This year's outturn is expected to be a little less than that of last year for want of sufficient rains. The date of harvesting was normal.
	Masulapur	Acres. 1,942,324	Acres. 1,637,000	Acres. 1,700	Acres. 1,800	Acres. 2,200	100	92	Bales. 5,400	Bales. 6,072	August. Normal	The date of harvesting was normal.
	Bhagpur	Acres. 2,661,020	Acres. 1,684,100	Acres. 1,257 (a)	Acres. 856 (b)	Acres. 1,150	100	77	Bales. 2,528 (a)	Bales. 2,856	August. Normal	In the first forecast the estimated area under jute this year was shown as 1,257 acres. This figure included 107 acres under "Androm," which has now been deducted. The figure, 1,150 acres, shown in column 7, represents area under jute proper.
Bhagpur	Purnea	Acres. 3,196,123	Acres. 1,694,400	Acres. 213,000	Acres. 122,000	Acres. 175,000	75	83	Bales. 374,500	Bales. 435,720	July. Normal	Deficient rain in May caused the crop on some lands to be late. During June and July the rainfall was good, but very deficient in August. Hence though the crop is good, difficulty is experienced in some areas in obtaining sufficient water for "retting," which may affect the total outturn. Prospect of the crop is good at present. Increase in area is due to small stock remaining in the district and prospect of good prices.
	Santal Parganas	Acres. 3,463,100	Acres. 1,698,200	Acres. 2,000	Acres. 1,300	Acres. 1,700	100	100	Bales. 3,900	Bales. 5,100	.....
Orissa	Cuttack	Acres. 2,340,307	Acres. 1,223,500	Acres. 16,400	Acres. 18,700	Acres. 18,500	65	59	Bales. 38,465	Bales. 32,745	First week of August. Normal.	The weather was all along favourable, but the recent and continuous flood and excessive rain damaged the crop in Jajpur Subdivision. Hence the outturn is low.
	Balasore	Acres. 1,332,821	Acres. 912,200	Acres. 2,800	Acres. 2,200	Acres. 2,480	50	90	Bales. 5,280	Bales. 6,696	Not yet begun	The weather conditions have been favourable. General prospect of the crop is good. The increase in area and outturn is due to the favourable weather and rainfall in time.
	Total	Acres. 17,198,385	Acres. 10,259,400	Acres. 246,037 or in round numbers 246,000	Acres. 142,266 or in round numbers 142,300	Acres. 203,430 or in round numbers 203,400	73	81	Bales. 335,213 or in round numbers 334,300	Bales. 455,259 or in round numbers 455,300	.....

(a) Revised by the Collector.
(b) Revised with reference to revised "normal" area.

APPENDIX II.

Abstract Statement of estimated acreage and outturn of Jute Crop, 1919.

PROVINCE.	ACREAGE.							OUTTURN IN BALES OF 400 LBS.								
	Of current year's crop.	Of pre-ious year's crop.	Average of five preceeding years (viz., 1913 to 1917).	Average of ten preceeding years (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 2 EXCEEDS (+) OR FALLS SHORT OF (-) AREA IN—			Estimated yield of current year.	YIELD OF PREVI- OUS YEAR.		Average of five preceeding years (viz., 1913 to 1917).	Average of ten preceeding years (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 9 EXCEEDS (+) OR FALLS SHORT OF (-) OUT- TURN IN—			
					Column 3.	Column 4.	Column 5.		Crop forecast.	Trade statistics.			Column 10(a).	Column 10(b).	Column 11.	Column 12.
1	2	3	4	5	6	7	8	9	10(a)	10(b)	11	12	13	14	15	16
Bihar and Orissa ...	203,400	149,300	256,800	257,200	+36.24	-20.79	-20.92	496,900	335,300	...	625,500	602,200	+47.89	...	-20.72	-17.65

APPENDIX III.

NAME OF DISTRICT.	RAINFALL IN JULY.				RAINFALL IN AUGUST.				NORMAL RAINFALL.	
	1916.	1917.	1918.	1919.	1916.	1917.	1918.	1919.*	July.	August.
1	2	3	4	5	6	7	8	9	10	11
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Champanan	22.22	17.73	9.94	12.38	10.48	5.87	14.50	4.33	14.05	14.98
Muzaffarpur	15.89	13.57	13.36	13.21	13.02	8.07	16.62	3.90	11.18	13.38
Bhagalpur	20.82	11.38	10.20	13.67	13.14	6.86	22.47	7.51	13.10	11.62
Purnea	31.40	10.69	14.90	18.80	13.88	7.34	27.33	10.17	16.77	14.95
Santal Parganas	12.43	13.68	7.42	16.59	11.27	7.66	20.49	13.95	12.64	11.96
Cuttack	5.94	10.87	4.97	11.72	12.53	14.37	9.65	17.95	12.19	12.68
Balasore	6.47	10.84	4.84	7.56	6.20	12.72	10.91	22.43	11.22	11.23

* Figures relate to headquarters only.

DEPARTMENT OF LAND RECORDS AND AGRICULTURE, ASSAM.

Final Forecast of the Jute Crop of Assam, 1919.

(Note.—On the average of the five years ending 1917, the area under jute in Assam represents some 3·3 per cent. of the total area under jute in British India.)

1. **Season.**—The weather was not favourable for sowing, but the rain in June favoured growth as indicated in the preliminary forecast; since its issue the rain of July, though a little short, continued the good prospects of June, but there was a considerable deficiency in August, which adversely affected retting operations rather than outturn.

2. **Area.**—As in previous years the figures for the permanently settled areas of Sylhet and Goalpara have been compiled by the village *panchayats* and for other districts by the Land Records staff.

The area under jute as reported by the Deputy Commissioners is 120,000 acres against the revised figure of 102,100 acres of last year and 115,300 acres shown in the preliminary forecast of this year. The increase is mainly due to the better price obtained for the crop in last year; in Sylhet the want of early spring rain at the time for sowing broadcast rice was also responsible for the increase, as the rain in April was not too late for sowing jute; in the Brahmaputra Valley further immigration from Mymensingh helped to increase the area sown. Five districts have revised the areas reported in the preliminary forecast.

3. **Outturn.**—The outturn of jute per acre according to the Deputy Commissioners' estimates comes to 72 per cent. of the normal against 68 (revised) of the preceding year. Taking 3·3 bales (of 400 lbs.) as the normal yield per acre for the province, the total outturn comes to 294,500 bales against 228,200 bales (revised) of last year or an increase of 27 per cent.; but retting has been retarded by shortage of water.

J. McSWINEY,

Director of Land Records and Agriculture, Assam.

SHILLONG,

The 13th September 1919.

APPENDIX I.

Final Forecast of the Jute Crop of Assam, 1919.

DISTRICT.	Estimated normal area under jute.	ESTIMATED AREA UNDER JUTE.		ESTIMATED OUT-TURN AS A PERCENTAGE OF THE NORMAL YIELD PER UNIT OF AREA.		ESTIMATED TOTAL YIELD.		Date by which the harvesting was commenced and whether that date was early, normal or late.	REMARKS BY DEPUTY COMMISSIONER.
		Last year (actual).*	This year.	Last year.	This year.	Last year.*	This year.		
1	2	3	4	5	6	7	8	9	10
	Acres.	Acres.	Acres.			Bales.	Bales.		
Cachar ...	300	100	400	57	90	254	1,110	August. Normal	The increase in area is due to the high price of jute last year and that in out-turn to more favourable weather.
Sylhet ...	16,000	13,600	25,100	56	68	25,157	28,442	July. Normal	The increase in area is due partly to better price and partly to inability to broadcast winter rice on account of drought in the early spring. The crops suffered to some extent from drought at the beginning.
Goalpara ...	12,400	50,900	55,200	53	61	89,015	119,748	1st July. Early	The increase in area is due to the high price in last year. Weather at the beginning was unfavourably dry. The crop suffered to some extent in Goalpara subdivision from insect pests. On the whole, the outturn is expected to be better than last year.
Ramrup ...	8,100	13,100	12,000	85	95	35,731	40,441	25th July. Early	The small decrease in area is due to alteration in the district boundary. The weather has been dry, but the prospects of the crop are fair. Some damage has been done by insects. The outturn is expected to be better than last year.
Darrang ...	7,000	8,300	9,000	90	80	24,792	33,881	1st August. Early	The increase in area as compared with last year is due partly to immigration of jute cultivators and partly to high prices. The weather was not favourable owing to shortage of rain.
Nowgong ...	5,700	10,900	11,700	100	90	35,934	34,749	1st July. Early	The increase in area is due to the influx of Mymensingh settlers and good prices in last year. The outturn is below normal owing to want of rain. Some damage is reported to have been done by insects.
Sibsagar ...	300	400	400	80	95	1,198	1,273	2nd week of August. Normal.	The weather was not favourable at the beginning of the season, but improved subsequently.
Lakhimpur ...	200	200	100	92	95	465	350	15th September. Normal.	The decrease in area is due to unfavourable weather at sowing time; it improved afterwards and the outturn is expected to be better than last year.
Garo Hills ...	4,100	3,600	4,200	98	100	14,825	3,860	1st August. Normal	The decrease in area is due partly to the fact that some jute remained unsold last year. The weather has been favourable on the whole.
Total ...	84,100	102,100	120,000	68*	72	228,209	291,534		

* Revised on the basis of crop abstract.

APPENDIX II.

Abstract Statement of estimated acreage and outturn of the Jute Crop, 1919.

PROVINCE.	ACREAGE.							OUTTURN IN BALES OF 400 LBS.								
	Of current year's crop.	Of previous year's crop.*	Average of five preceding years (viz., 1913 to 1917).	Average of ten preceding years (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 2 EXCEEDS (+) OR FALLS SHORT OF (-) AREA IN—			Estimated yield of current year.	YIELD OF PREVIOUS YEAR ACCORDING TO—		Average of five preceding years (viz., 1913 to 1917).	Average of ten preceding year (viz., 1908 to 1917).	PERCENTAGE BY WHICH COLUMN 9 EXCEEDS (+) OR FALLS SHORT OF (-) OUTTURN IN—			
					Column 3.	Column 4.	Column 5.		Crop forecast.*	Trade statistics			Column 10.	Column 11.	Column 12.	Column 13.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ASSAM	120,000	102,100	95,100	90,000	+17½	+26	+33	294,500	228,200	143,400	241,400	231,300	+20	+105	+22	+27

* Revised on the basis of crop abstract.

APPENDIX III.

Statement of rainfall in July and August 1916—1919.

DISTRICT.	RAINFALL IN JULY.				RAINFALL IN AUGUST.			
	1916.	1917.	1918.	1919.	1916.	1917.	1918.	1919.
1	2	3	4	5	6	7	8	9
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Cachar	18.22	17.66	31.16	13.77	22.04	19.53	22.34	12.36
Sylhet	21.36	18.37	37.91	18.96	24.53	21.10	23.19	13.16
Goalpara	28.26	15.05	36.80	19.45	13.42	9.39	22.84	10.05
Kamrup	10.39	20.46	24.97	13.24	11.02	9.64	23.05	9.28
Darrang	12.58	15.59	26.22	13.92	11.32	10.53	18.96	8.00
Nowgong	12.94	15.65	17.40	16.42	11.29	11.89	17.37	9.44
Hilgaar	14.81	18.09	17.40	18.39	13.93	15.68	18.49	11.65
Lakhimpur	24.07	26.86	23.23	26.52	18.91	16.09	19.88	11.97
Garo Hills	31.78	18.82	31.01	28.37	20.57	10.88	30.67	9.03

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 18th September 1919.

Summary.—During the week the rainfall throughout the province was generally light to moderate. More rain is needed in places of Rangpur, Dacca and Mymensingh for the transplantation and growth of winter rice and steeping of jute. Harvesting of autumn paddy and transplanting of winter paddy are nearly over. Weeding of winter paddy is in progress. Cutting, steeping and washing of jute continue. Damage to jute by insect-pests continues to be reported from places in the 24-Parganas. Condition and prospects of standing crops are generally satisfactory. The average price of common rice for the province has fallen by 1·60 per cent. as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERs, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
1	24-PARGANAS	0·02	{ 5 $\frac{5}{8}$ 6 $\frac{3}{8}$ }	4 $\frac{1}{2}$	Transplanting of <i>aman</i> paddy and harvesting of <i>aus</i> paddy continue. Condition and prospects of jute are good. Effects of weather on the crop are good. Damage by insects is reported from some places in Barasat subdivision. Harvesting of jute continues. Fodder and water are sufficient.
	Diamond Harbour.	(n)	(n)	4 $\frac{1}{16}$	
	Barrackpore	Nil	{ 4 $\frac{5}{8}$ 6 $\frac{1}{2}$ }	4 $\frac{1}{2}$	
	Barasat ...	0·30	4	4	
	Basirhat ...	1·20	{ 5 $\frac{1}{4}$ 6* }	4	
2	NADIA ...	0·69	4 $\frac{7}{16}$	4 $\frac{3}{32}$	Prospects of standing crops, including jute, are good. Harvesting of <i>aus</i> paddy is nearly finished. Lands are being prepared for <i>rabi</i> crops. Effects of weather are favourable to jute, some damage is done by insect pests. Cattle-disease is reported from Chakdah thana. Burma rice is not available.
	Kushtia ...	0·04	4	4	
	Meherpur ...	0·15	6	6 $\frac{1}{4}$	
	Chuadanga ...	0·42	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Ranaghat ...	1·50	4	4	
3	MURSHIDABAD	0·38	4 $\frac{1}{4}$ to 4 $\frac{1}{2}$	4 $\frac{1}{4}$ to 4 $\frac{1}{2}$	Prospects of standing crops are good. Harvesting of <i>aus</i> paddy and jute continues. Transplanting of <i>aman</i> paddy has been almost finished. Weeding continues. Fodder is sufficient. No large import or export. Burma rice is not available except in Lalbagh subdivision.
	Lalbagh ...	0·51	4 $\frac{1}{4}$ to 6 $\frac{1}{2}$ *	5 $\frac{1}{2}$	
	Jangipur ...	1·44	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Kandi ...	1·30	5 to 5 $\frac{1}{4}$	4 $\frac{1}{2}$	
4	JESSORE ...	0·11	{ 4 5 $\frac{3}{4}$ }	4	Harvesting of <i>aus</i> paddy and transplanting of <i>aman</i> paddy are finished. Standing crops are doing well. Condition and prospects of jute are fair. Steeping and washing continue. Fodder is sufficient.
	Jhenidah ...	0·28	{ 5 $\frac{1}{4}$ 5 $\frac{3}{4}$ }	4 $\frac{1}{2}$	
	Magura ...	0·14	4	4	
	Narail ...	0·58	{ 4 $\frac{3}{4}$ 5 $\frac{7}{16}$ }	4	
	Bangaon ...	1·60	6 $\frac{1}{2}$	4 $\frac{1}{2}$	

* Burma rice.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEER, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
5	KHULNA ...	Nil	{ 5 6† }	4	Transplantation of <i>aman</i> paddy and harvesting of <i>aus</i> paddy are going on. Condition and prospects of jute are good; the effects of the weather on the growth of the crop are good. No damage. Cutting and steeping are going on. Water and fodder sufficient.
	Satkhira ...	1.90	4½	4	
	Bagerhat ...	Nil	{ 4½ 5½ }	4½	
6	BURDWAN ...	Nil	{ 5 6½† }	4½	Weather bright. Condition of <i>aman</i> paddy and sugarcane is good. Weeding of <i>aman</i> paddy and harvesting of jute and <i>aus</i> paddy continue. Insect pest called <i>blepo</i> is reported from Galsi circle; the damage done to paddy so far is small. Burma rice is available only in Sadar subdivision.
	Asansol ...	1.17	4½	4½	
	Katwa ...	3.32	5½	4½	
	Kalna ...	0.40	4½	4½	
7	BIRBHUM ...	0.25	4½	4½	Weeding of winter paddy continues. Prospects of standing crops are favourable. Fodder and water are sufficient. Burma rice has been indented for but has not yet been received.
	Rampurhat ...	Nil	4½	5	
8	BANKURA ...	2.04	{ 5 6† }	4½	Prospects of standing crops are good. Export of rice and paddy continues.
	Vishnupur ...	1.94	5½	5	
9	MIDNAPORE	0.77	{ 5½* 5½† }	4½*	Harvesting of autumn rice is progressing. Condition and prospects of jute, <i>bhadoi til</i> and autumn rice are fair. Cattle-disease is reported from Khajri thana. Burma rice is not available either at Sadar or subdivision.
	Ghatal ...	0.45	{ 5* 5½† }	5*	
	Tamluk ...	Nil	{ 4½* 5½† }	4½*	
	Contai ...	0.29	{ 6* 6½† }	6*	
10	HOOGHLY ...	0.03	{ 4½† 5½† to 6½† }	4½	Effects of weather on the growth of the crops are favourable. Condition and prospects of jute are good. No damage. Harvesting is going on in full swing. Fodder is sufficient.
	Serampore ...	Nil	{ 4½† 6† }	4½	
	Arambagh ...	0.70	5½	5½	
11	HOWRAH ...	0.38	{ 4½* 6½† }	4½	Weather hot. Sugarcane is doing well. Condition of jute is good. Harvesting of jute continues in low lands and has commenced in high lands. Burma rice is not yet available in the Ulubaria subdivision. Fodder is sufficient.
	Ulubaria ...	0.18	4	4	
12	RAJSHAHI (RAMPUR-BOALIA).	3.82	4½	4½	The prospects of standing crops are favourable. Harvesting of jute and <i>aus</i> paddy and transplanting of winter paddy continue; Burma rice is out of stock. Fodder is sufficient.
	Naogaon ...	1.95	3½	3½	
	Nator ...	1.14	4½	4	

*Common rice.

†Coarse rice.

‡Burma rice.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
13	DINAJPUR ...	0.30	3½	3½	Weather seasonable. Condition of standing crops fair. Transplantation of <i>aman</i> paddy still continues. Rice market is rising at Thakurgaon and Balurghat. Burma rice has not yet arrived here.
	Thakurgaon	1.94	4	4½	
	Balurghat ...	1.73	3½ ⁵ / ₁₆	4	
14	JALPAIGURI	2.48	4½	4	Prospects of standing crops are fair. Harvesting of jute and <i>bhadoi</i> paddy continues. Insects are reported from Baikunthapur. No cattle-disease. Fodder and water are sufficient.
	Alipar ...	1.01	3½	3½	
15	DARJEELING	3.41	4½	4½	Maize, potatoes and cadamom are being harvested. Marua is progressing. Transplantation of autumn rice is going on. Stocks of food-grains are inadequate. Fodder and water are sufficient. Cattle-disease is reported from one place. Burma rice is being sold per maund at Rs. 7-5 at Darjeeling, at Rs. 7-4 at Kurseong, and at Rs. 7-10 at Kalimpong. Siliguri has not received Burma rice yet.
	Kurseong ...	3.94	4½	5	
	Siliguri ...	3.41	3½	3	
	Kalimpong ...	2.40	5½	5	
16	RANGPUR ...	2.30	3½	3½	Weather seasonable. Harvesting of jute and transplantation of winter paddy are going on but more rain is urgently wanted for winter rice and for steeping of jute. Condition and prospects of jute are good. Weather is not favourable for winter rice and jute. Burma rice is now being sold only to railway employees in Saidpur at 7 seers a rupee. Supplies for the district have been indented for, but have not yet arrived. Fodder and water are sufficient.
	Nilphamari	3.31	3½	3½ ¹ / ₆	
	Kurigram ...	4.08	3½	3½	
	Gaibandha ...	0.80	3½ ¹ / ₆	4½	
17	BOGRA ...	3.32	{ 3½ 6* }	3½	Transplanting of winter paddy and harvesting of <i>aus</i> paddy are nearly finished. Harvesting of jute continues. Prospects are fair.
18	PABNA ...	0.23	{ 4½ 6* }	4	Prospects of standing crops are good. There has been no large export of rice; but there have been some imports to Pabna and Sirajganj. Water is subsiding. Fodder is sufficient.
	Sirajganj ...	1.25	{ 4 5½* }	3½	

* Burma rice.

Serial No.	Districts and subdivisions.	Rainfall.	PRICE OF COMMON RICE, IN SEERs, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
19	MALDA ..	1.03	{ 4 5½s }	4	Weather seasonable. Transplanting of winter rice is nearly finished. Condition of jute is fair. Harvesting continues. Lands are being prepared for mustard and other <i>rabi</i> crops. Fodder and water are sufficient. Cattle-disease continues to be reported from Bholahat thana.
20	COOCH BEHAR	5.04	7½	7½	Weather rainy and cloudy. Transplantation of <i>haimanti</i> paddy seedlings is going on briskly. Harvesting of <i>bitri</i> paddy is finished. Fodder is sufficient.
21	DACCA ...	0.01	{ to 4½ 5½s }	4	Rain is wanted for transplantation of winter rice, which is almost finished. The condition of <i>aghani</i> is good owing to rise of river level. Prospects of jute and paddy are good.
	Manikganj ...	Nil	{ 4½ 5s }	4	
	Narayanganj	0.40	{ 4 5½s }	4	
	Munshiganj*	0.82	{ 3½ 5½ to 5½s }	4	
22	MYMENSINGH	0.49	{ 3½ 5s }	3½	Weather seasonable. More rain is wanted. Harvesting of <i>aus</i> paddy is finished. Harvesting and steeping of jute are going on. Prospects of standing crops are fair. Fodder is sufficient. Cattle-disease is reported from Jamalpur and Kishorganj subdivisions.
	Jamalpur ...	1.37	{ 3½ 5s }	3½	
	Tangail ...	Nil	3½	3½	
	Netrakona ...	1.09	{ 4 5s }	4	
	Kishorganj...	0.67	{ 3½ 5s }	3½	
23	FARIDPUR ...	0.30	{ 3½** 5½s }	3½	Weather favourable to standing crops. Prospects of <i>aman</i> paddy are good. Harvesting of jute is nearly finished. Fodder is sufficient.
	Goalundo ...	0.68	{ 4½ 5½s }	4½	
	Madaripur ...	Nil	4	4	
	Gopalganj†...	0.34	4	3½	
24	BAKARGANJ (BARISAL).	0.05	{ 3½ 4½† 6s }	3½ 5† 6s	Prospects of jute are fair; weather is favourable. No damage done to the crop. Harvesting is almost finished. Prospects of other crops are fair. Fodder is sufficient.
	Pirojpur ...	0.22	4	3½	
	Patuakhali...	0.02	{ 4 5† 5½s }	4 4† 4½†	
	Dakshin Shabazpur (Bhola).	1.57	{ 3½ 4½† }	3½ 4½†	

* Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district rainfall figures for Kapasia thana are reported here.

† The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

** Common rice. † Burma rice.

Serial No.	Districts and subdivisions.	Rainfall.	PRICE OF COMMON RICE, IN SEERS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches			
25	CHITTAGONG	1.73	{ 5 6 $\frac{1}{2}$ † }	4 $\frac{1}{2}$	Prospects of standing crops are good. Transplanting of <i>aman</i> paddy is going on. Harvesting of <i>aus</i> paddy is nearly finished. <i>Panga</i> salt is selling at 9 seers per rupee both at Sadar and Cox's Bazar. Fodder is sufficient.
	Cox's Bazar	0.32	{ 4 $\frac{1}{2}$ 4 $\frac{1}{2}$ † }	4 $\frac{1}{2}$	
26	TIPPERA (COMILLA).	1.10	{ 4 $\frac{7}{16}$ 5 $\frac{1}{16}$ † }	4 $\frac{7}{16}$	The prospects of <i>aus</i> paddy are fair and those of <i>aman</i> paddy are hopeful. Prospects of jute are good. The price of rice still runs high. Harvesting of <i>aus</i> paddy and transplanting of <i>aman</i> paddy are nearly finished.
	Brahmanbaria.	0.28	{ 4 $\frac{3}{4}$ 4 $\frac{3}{4}$ † }	4 $\frac{1}{2}$	
	Chandpur ...	1.50	{ 4 $\frac{7}{16}$ 4 $\frac{1}{16}$ † }	5	
27	NOAKHALI ...	1.18	{ 3 $\frac{3}{4}$ 5 $\frac{1}{4}$ † }	3 $\frac{7}{16}$	Weather seasonable. Transplantation of <i>aman</i> paddy continues. Harvesting of jute is nearly finished. Fodder is sufficient.
	Feni ...	2.09	{ 3 $\frac{1}{4}$ 5*	4 $\frac{1}{8}$	
28	CHITTAGONG HILL TRACTS.	0.88	{ 5 7† 4*	4 $\frac{1}{2}$ 6† }	Sowing of paddy on high land continues. Reaping of <i>jhum</i> paddy continues. Small damage to <i>jhum</i> paddy has been done by insects in Bohmong circle. Fodder is sufficient.

* *Aus* rice. † Local rice. ‡ Burma rice.

J. C. ROY
for Director of Agriculture, Bengal.

DACCA, the 21st September 1919.

**List of prices of articles of food in Calcutta for the week ending
Saturday, the 20th September 1919.**

Names of Articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	9 6 0	.....	0 4 0	0 4 3
„ medium	9 8 0	9 14 0	0 4 6	0 5 0
Patnai, coarse	8 8 0	9 6 0	0 3 9	.....
„ medium	9 8 0	9 12 0	0 4 0	.....
Nagra, coarse	8 7 0	9 4 0	0 3 9	.....
„ medium	9 8 0	9 13 0	0 4 0	0 4 6
Dudhkalma	9 8 0	.....	0 3 9	.....
Rangoon (Arwa)	.....	.....	0 2 6	.....
Kajla	7 8 0	7 12 0	.....	.....
Wheat, Dudhia	7 8 0	.....	.....	.....
„ Gangajali	.....	.....	.....	.....
„ Jamali	7 0 0	.....	.....	.....
Gram, Patnai (whole)	7 4 0	8 0 0	0 3 3	0 3 6
„ dal	8 12 0	9 4 0	0 3 9	0 4 6
Mung „ (Hari)	10 8 0	11 8 0	0 5 0	0 6 0
„ „ (Krishna)	10 0 0	10 8 0	0 5 0	0 5 6
Arhar „	7 12 0	10 8 0	0 4 0	0 5 0
Masur „ (split)	7 0 0	8 0 0	0 3 3	0 3 6
„ „ (Khanri)	9 0 0	10 0 0	0 4 6	0 5 0
Kalai „	7 12 0	8 8 0	0 4 0	0 5 0
Salt	3 2 6	3 5 0	0 1 6	0 1 9
Sugar (Brown Java)	18 5 0	.....	0 7 6	0 8 0
Gur, Bheli	.....	.....	.....	.....
„ Bhursut	11 0 0	11 4 0	.....	.....
„ Date	.....	.....	.....	.....
Milk	10 0 0	12 0 0	0 4 0	0 5 0
Mustard oil	38 8 0	39 12 0	1 1 0	1 4 0
Flour, country	9 8 0	10 3 0	0 3 3	0 4 0
Atta, No. 3	7 15 0	}	0 4 0	0 4 6
„ „ 2½	8 3 0			
„ „ B	10 7 0			
Suji	9 14 0	10 12 0	0 4 9	0 5 0
Ghee (Bhadwa, Matki, etc.)	91 0 0	92 0 0	2 8 0	.....
„ (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	86 0 0	87 0 0	2 6 0	.....
„ (Lalli, Etwa, Sagar, etc.)	81 0 0	82 0 0	2 4 0	.....
Maize	6 8 0	7 0 0	.....	.....
Potato	5 12 0	6 0 0	0 2 9	0 3 0
Patal	6 0 0	7 0 0	0 3 0	0 4 0
Brinjal	4 0 0	4 4 0	0 2 0	0 2 6
Onion	3 10 0	4 0 0	0 2 0	0 2 6
Fish, Rahu	30 0 0	35 0 0	0 14 0	1 0 0
Mutton (2nd class)	.....	.....	0 10 0	.....
Beef (2nd and 3rd classes)	.....	.....	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets :—

Wholesale.—Chella Hât, Ramkrishnapur Hât, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphananj Market, Sobha Bazar, Nutan Bazar, Raja Babu's Bazar, Bow Bazar, Jogn Babu's Bazar.

S. C. Roy,

for President, Advisory Food Committee.

CALCUTTA, the 20th September 1919.

DAILY RAINFALL RECORDED IN

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BENGAL FOR THE MONTH OF AUGUST 1919.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Normal rainfall for the month.	Excess rainfall during the month.	Total rainfall from 1st June up to 31st August 1919.	Normal rainfall from 1st June up to 31st August.	Station.	DISTRICT.	DIVISION.	
0.14	0.16	0.87	0.22	0.54	0.71	0.12	1.50	0.04	0.06	2.12	23	16.4	26.11	13.84	4.18	48.27	39.45	Saugor Island ...	24-Parganna	PASSENEY.	
0.16	0.12	0.25	...	0.63	0.18	0.85	1.06	...	0.74	22	17.7	22.34	13.86	5.47	70.65	30.64	Diamond Harbour.				
0.22	0.22	1.24	0.37	0.17	0.12	0.17	0.78	2.07	0.62	0.63	26	17.0	21.27	11.33	3.20	49.76	37.90	Budge-Budge.			
0.10	0.30	1.84	0.14	0.27	0.03	0.32	1.29	0.81	0.18	0.20	23	18.2	23.32	12.18	7.29	48.25	36.72	Canning Town.			
0.17	0.09	0.02	...	0.15	0.21	0.24	...	0.01	0.51	20	15.8	10.41	11.24	2.33	34.78	33.86	Alipore.				
0.27	0.22	0.10	0.14	0.40	0.20	0.05	1.38	0.12	0.08	0.06	22	15.7	20.20	11.62	6.54	48.85	3.21	Barrackpore.			
0.21	...	...	...	...	0.06	...	...	...	...	...	14	16.0	14.99	11.41	5.02	41.63	33.47	Dum-Dum.	
...	...	...	...	0.06	...	...	1.50	...	...	...	14	16.6	16.88	11.80	3.60	51.33	36.89	Barasat.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Basirhat.	
...			
0.09	0.33	0.15	1.04	0.07	0.03	...	13	15.1	9.98	11.62	2.12	36.89	31.89	Ranaghat	Nadia	PASSENEY.	
0.74	...	0.03	0.88	...	...	0.05	0.78	0.08	0.50	...	15	14.5	9.48	10.31	1.57	30.10	31.37	Krishnagar.	
0.04	...	...	...	...	0.03	0.40	0.43	0.35	0.18	0.01	15	14.7	7.68	11.23	1.20	28.23	32.03	Chudanga.	
0.80	...	...	...	...	...	0.12	0.55	...	0.10	0.03	17	15.5	10.22	11.25	1.65	35.07	32.12	Meherpore.	
...	...	0.11	0.07	...	...	0.19	0.16	0.19	...	0.03	12	16.1	3.73	10.56	0.75	14.41	32.60	Kushtia.	
...	...	...	...	...	...	0.30	...	...	...	...	8	13.3	4.09	8.00	0.93	14.88	23.31	Hartughata.	
...			
0.09	0.33	0.15	0.16	0.08	0.72	0.18	19	15.2	6.04	11.08	0.86	25.97	33.31	Kandi	Murshidabad.		PASSENEY.
0.74	...	0.13	0.72	...	...	0.19	0.41	...	...	...	20	16.4	8.42	11.75	2.00	29.55	32.50	Berhampore.	
0.23	0.09	0.12	0.04	...	0.03	0.21	0.38	0.60	0.02	0.05	18	15.6	10.72	13.08	1.04	32.37	35.68	Lalbagh.			
...	0.10	1.90	...	...	0.33	0.61	0.14	0.35	...	0.06	17	15.8	9.02	11.29	1.26	32.57	32.56	Asimganj.	
...	0.20	...	...	...	1.00	2.38	0.05	...	0.85	...	18	15.4	10.33	11.18	1.28	28.65	32.46	Jangipur.	
...	...	...	0.65	...	...	0.33	...	0.76	...	...	11	14.9	7.28	10.44	1.36	29.70	31.62	Lakola.	
0.41	0.16	...	...	0.12	...	0.64	0.93	0.08	2.90	0.75	17	13.7	12.52	9.30	2.90	35.88	31.86	Akrigola.	
...	...	...	...	0.08	0.35	0.32	0.07	...	0.12	0.09	15	11.8	7.65	8.41	1.27	25.76	27.43	Patkubari.	
...	...	...	0.41	...	0.07	0.40	0.65	...	0.19	...	18	13.9	6.14	10.59	0.96	24.09	31.71	Dumkal.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kalyanganj.	
0.32	0.80	0.30	0.32	0.90	2.72	0.17	16	14.7	13.47	10.16	3.40	...	32.76	Narail	Jessore	PASSENEY.	
0.10	...	...	...	...	0.65	0.42	0.35	0.40	...	...	20	16.8	10.37	11.27	1.85	37.53	36.17	Jessore.	
...	...	0.01	...	...	0.23	0.85	0.60	0.11	...	0.12	17	15.6	9.84	11.01	1.36	37.41	33.73	Jhoida.	
...	...	...	...	0.10	0.50	0.60	2.00	0.09	...	0.28	18	14.6	6.95	9.76	2.00	32.96	32.94	Magura.	
...	...	...	0.20	...	...	0.63	1.28	0.76	...	0.06	19	15.5	12.21	12.62	1.84	45.01	33.22	Bongaon.	
0.28	0.30	...	0.18	0.17	0.44	0.88	22	16.0	14.89	11.17	2.70	54.92	33.90	Satkhira	Khulna	PASSENEY.	
1.42	...	...	...	...	0.67	0.29	...	0.58	1.11	0.17	22	17.4	18.37	12.10	2.37	49.68	41.00	Bagerhat.	
0.05	0.24	0.10	0.08	0.06	0.18	0.30	1.22	1.15	0.40	0.10	22	17.0	17.90	11.52	4.06	53.68	37.08	Khulna.			
1.70	...	0.12	0.20	...	0.40	0.38	0.80	0.75	...	1.10	24	16.1	23.73	15.10	5.32	66.03	47.29	Kalliganj.			
...	...	0.15	...	0.03	0.09	0.70	0.76	1.37	0.30	0.40	20	15.4	19.78	11.33	4.80	45.89	37.25	Nakipur.			
0.21	0.19	0.02	...	...	...	...	...	0.50	0.25	...	17	17.0	12.47	13.85	2.87	50.60	41.81	Dumuria.	
0.23	0.24	0.45	0.56	...	1.12	0.76	0.56	0.72	0.32	0.32	27	16.7	13.27	13.11	1.12	42.16	40.10	Rampal.			
0.29	0.16	...	...	...	...	0.54	0.39	0.24	...	...	21	17.5	14.97	11.49	2.46	49.01	35.27	Kalaroa.	
0.26	0.05	0.02	0.47	0.08	0.13	0.11	1.11	0.40	...	...	20	17.5	14.22	13.24	2.61	42.29	40.26	Paikgacha.	
0.75	...	...	0.95	...	0.98	0.81	1.75	1.65	1.13	0.60	24	17.2	17.38	16.38	2.22	57.10	47.23	Mollahat.	
0.11	0.06	0.10	0.30	0.03	0.01	0.78	0.55	1.75	0.59	1.50	21	19.3	17.56	14.22	2.56	60.93	46.72	Moriganj.		BURDWAN.	
0.12	0.30	...	0.04	...	0.03	0.12	0.73	0.23	...	...	19	16.4	12.72	11.11	2.70	41.03	38.63	Tala.	
0.40	0.25	17	14.3	7.66	10.90	1.50	29.20	32.60	Kaima	Purdwan	BURDWAN.	
1.56	0.25	...	...	...	0.07	0.37	0.02	1.04	0.02	...	15	15.0	13.16	11.32	3.90	35.51	33.37	Burdwan.	
0.11	0.20	0.11	0.15	...	0.25	0.23	0.42	...	0.38	0.32	23	14.8	8.79	10.89	1.94	37.85	32.06	Katwa.			
0.01	0.03	0.13	0.34	...	...	1.04	0.25	0.03	...	...	17	16.0	13.34	12.01	2.52	36.47	34.94	Asansol.	
0.23	0.21	0.26	...	0.77	0.42	0.38	0.46	0.35	0.42	0.45	16	14.0	10.12	11.74	1.85	20.86	31.99	Mankar.			
1.52	0.80	...	...	...	0.50	0.30	0.30	0.20	0.10	...	13	17.0	7.56	9.84	1.30	20.86	33.43	Mangalkot.	
...	...	...	...	...	0.26	0.28	...	0.79	...	...	17	(n)	10.11	(n)	2.40	32.89	(n)	Royna.	
...	2.80	...	...	...	0.55	0.44	0.40	0.45	0.50	...	16	(n)	21.01	(n)	3.40	41.99	(n)	Monteswar.	
0.80	0.55	0.40	0.50	0.15	...	0.10	0.50	0.50	21	17.3	9.77	12.84	1.20	29.87	36.34	Suri	Birbhum	BURDWAN.	
1.29	...	0.08	0.14	0.35	...	0.46	2.14	0.18	0.27	0.58	20	16.6	18.30	12.20	3.00	41.56	35.11	Hetampur.			
0.50	0.75	0.08	...	...	0.25	0.10	...	...	...	...	17	16.4	9.72	1.73	1.32	28.86	33.77	Rampuchat.	
...	...	...	0.65	...	...	0.90	...	1.00	0.10	0.05	10	14.8	6.32	10.88	1.00	18.22	31.43	Bolpur.	
...	2.05	...	0.35	1.10	3.00	1.15	0.75	0.90	1.04	0.15	26	15.2	29.17	11.50	3.00	73.43	38.12	Murari.			
1.27	...	...	...	...	0.80	0.58	...	...	1.37	0.36	17	15.0	13.12	11.27	1.94	35.44	32.81	Labpur.	
1.92	0.05	...	0.03	1.80	0.85	...	0.10	0.25	18	16.3	15.81	11.85	2.10	55.61	34.38	Bankura	Bankura	BURDWAN.	
1.43	0.02	0.16	0.81	...	0.42	0.81	0.11	1.02	1.26	0.33	24	15.4	13.82	12.41	1.43	...	34.19	Vishnupur.			
0.22	0.10	...	0.24	0.02	0.08	0.26	0.05	0.10	0.30	0.17	20	15.4	12.21	10.83	3.36	38.07	32.51	Mahara.			
1.26	0.01	0.03	0.25	...	0.06	0.66	1.06	...	0.26	1.25	19	15.8	20.43	11.08	4.90	44.6	34.45	Khatra.			
1.19	0.07	...	0.74	...	0.08	1.39	0.15	0.11	0.07	0.42	18	14.4	13.49	9.72	2.27	36.59	30.19	Indra.			
0.27	0.19	0.20	...	...	...	...	...	1.00	0.31	0.27									

DAILY RAINFALL RECORDED IN

DIVISION

DISTRICT

Station

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

BURDWAN—contd.

Midnapore

Contai	2.57	0.67	1.04	0.53	0.30	1.32	3.20	0.50	0.07	0.02	0.97	3.28	0.32	...	0.18	0.09	...	0.08	0.19	0.22
Tamluk	0.55	0.39	1.02	0.25	0.03	0.22	3.41	0.25	...	...	0.65	...	0.32	...	...	...	...	0.48	0.35	0.21
Midnapore	1.27	1.19	...	...	1.11	0.06	3.10	0.04	...	0.33	0.49	5.75	0.02	...	...	...	0.06	0.26	0.13	0.03
Ghatol	0.81	0.07	0.11	0.09	1.55	0.06	2.60	0.40	...	0.77	1.40	3.20	0.07	...	...	...	...	1.55	0.02	0.03
Kakrahati	0.93	0.25	0.04	0.71	...	0.59	4.25	1.10	...	...	1.29	1.13	...	...	...	...	...	2.91	0.56	...
Amalgura	1.01	0.42	0.10	...	0.29	...	2.80	1.16	...	...	1.11	1.30	0.35	...	...	...	...	0.77	0.13	...
Panskura	0.50	0.14	...	...	0.30	...	4.00	...	...	...	0.56	1.00	0.15	...	...	0.10	0.15	...	0.10	0.22
Dantan	2.00	0.67	0.30	1.50	...	0.40	5.25	...	...	0.63	0.19	4.02	0.55	...	...	...	...	0.23	...	...
Chandrakona	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pachet	1.52	1.25	...	...	2.73	2.12	5.90	...	...	0.12	0.67	...	...	...	0.18	...	...	0.12	...	...
Bhagawanpur	2.40	0.72	...	...	0.37	1.01	1.50	3.00	0.63	...	0.93	1.30	0.24	...	...	...	...	0.51	0.75	0.77
Kultikri	0.62	...	...	...	1.62	...	3.10	0.66	...	...	0.21	0.13	3.62	0.11	...	...	...	0.47	...	...
Nayabasan	0.95	0.90	0.10	0.22	0.16	0.70	0.88	0.14	...	...	...	1.70	...	...	...	...	...	...	...	...
Silda (Belga-hari)	0.98	0.75	...	...	0.75	...	1.55	2.60	0.04	...	0.20	1.90	0.13	0.26	0.26	...	...	0.24	...	0.61
Chandri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Goutore	0.82	1.35	...	...	0.95	...	7.74	1.00	...	...	0.30	1.77	0.20	...	...	...	...	...	...	0.48
Saiboni	0.90	1.25	...	...	1.04	...	3.10	0.11	...	0.16	0.60	0.15	0.14	...	...	...	...	0.11	...	1.54
Narayanganj	0.48	1.03	0.33	2.15	3.95	1.13	0.31	...	0.11	0.13	0.12	0.15	...	...	...	...	...	0.05	0.10	0.15
Ramnagar	2.08	0.60	...	...	2.07	...	3.07	...	...	...	1.60	3.82	...	...	...	...	...	...	...	...
Mohanpur	0.82	0.05	0.20	1.55	0.65	2.22	0.56	...	...	0.06	0.12	3.42	0.24	...	...	0.17	...	0.38	0.13	...
Heurda	2.55	0.25	...	...	1.30	0.40	3.15	0.20	...	...	0.30	1.50	...	...	0.10	...	0.20	0.30	0.15	0.23
Jenka (Kajri)	2.90	1.64	0.13	0.02	0.90	0.35	2.06	2.13	...	0.05	1.32	4.12	0.13	0.02	0.11	0.25	0.01	1.03	0.45	0.01
Nandigram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Moyna	1.10	...	...	0.15	1.10	0.80	2.10	0.40	...	0.30	0.40	2.10	0.15	...	...	...	...	0.40	0.20	0.13
Pingla	0.40	2.10	...	...	0.80	...	0.90	1.50	...	...	0.20	1.60	0.30	...	...	...	...	...	...	...
Narajole	0.21	0.34	0.31	0.02	0.21	0.03	4.31	0.03	...	...	...	0.03	...	...	...	...	...	...	0.53	0.14

Hooghly

Serampore	0.58	0.33	0.15	0.02	0.57	0.09	1.23	0.16	...	...	0.31	0.49	0.40	...	...	...	...	0.09	0.40	0.12	2.48
Hooghly	0.39	0.43	0.36	...	1.46	0.29	1.56	0.12	...	...	0.24	1.64	1.10	0.53	0.10	...	...	0.11	0.68	0.08	1.20
Arambagh	0.62	0.23	...	...	0.85	1.86	0.04	2.54	0.25	...	2.08	1.64	0.26	0.03	...	...	...	0.22	0.16	0.01	0.30

Howrah

Howrah	0.54	0.74	0.14	0.11	2.15	0.35	1.25	0.12	...	...	0.57	2.12	0.19	...	...	...	...	...	0.42	0.29	1.07
Mohesra	0.36	0.15	0.11	0.29	0.09	1.03	4.53	0.10	...	...	1.55	2.63	...	...	...	0.23	...	0.09	1.03	0.07	3.82
Utharia	0.60	0.62	0.67	0.14	0.67	0.84	3.70	0.75	...	0.34	2.70	1.05	...	0.05	...	...	...	0.36	0.80	0.25	
Amra	1.24	0.10	0.03	1.10	0.19	0.10	8.00	0.25	...	...	2.60	3.52	0.10	...	...	...	...	0.32	0.45	1.21	

Boalia

Boalia	0.05	0.35	0.29	0.78	0.08	0.21	0.00	0.14	0.19	0.05	0.71	0.97	0.62	1.02	0.05	1.23	0.13	0.73	0.39	1.51
Natore	0.35	0.29	0.21	0.60	0.01	0.77	0.40	0.40	0.28	0.63	0.16	0.40	0.01	0.61	0.03	0.06	0.65	0.08	0.06	0.57
Narayan	0.06	0.26	...	...	0.05	0.31	0.49	0.35	0.11	...	0.94	0.02	0.06	0.75	...	0.24	0.12	1.00	1.00	0.11
Bilma	...	...	...	...	...	1.97	0.18	0.18	0.34	0.44	0.07	1.16	...	...	0.77	0.26	0.75	0.49	1.09	0.42
Manda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mahadebpur	...	0.14	0.26	0.38	1.00	...	0.26	0.28	0.46	0.17	0.04	0.04	0.45	...	0.56	0.08	1.31	0.04	0.12	0.66
Tanor	0.05	0.10	0.20	0.50	0.75	0.80	0.20	0.70	0.30	0.20	0.50	...	0.40	0.05	0.30	0.40	...	0.20	0.70	0.26
Changram	0.15	0.05	0.05	...	0.50	0.60	0.60	0.15	0.40	0.18	1.00	0.15	0.30	...	...	0.50	0.29	2.10	0.02	0.90
Joari	0.25	0.28	...	0.42	0.37	0.45	0.42	0.96	0.09	0.39	0.55	0.21	...	0.17	0.30	0.05	0.56	0.08	0.23	0.60

Dinajpur

Nithpur	...	0.10	0.73	2.16	...	0.45	0.25	...	...	0.65	...	0.33	0.12	...	...	...	...	1.16	...	1.65	0.36
Nawabganj	...	...	0.06	1.10	0.70	...	0.10	0.20	0.08	...	...	...	0.20	...	...	...	0.15	0.20	0.70	0.20	...
Gangarampur	...	...	0.34	0.49	2.22	...	0.18	...	0.22	0.21	...	...	...	...	...	...	...	0.15	...	1.67	0.11
Churaman	...	...	0.52	0.56	...	...	...	...	...	0.71	...	...	...	...	...	0.35	...	0.05	0.42	0.31	0.11
Baigun	...	...	...	0.24	...	0.20	0.21	0.15	0.45	...	0.71	...	...	...	...	...	...	0.23	0.37	3.80	0.76
Dinajpur	...	...	0.10	0.60	...	...	0.05	0.30	0.12	...	...	...	...	...	0.20	...	0.22	0.35	0.41	0.43	0.47
Balrghat	...	...	0.10	0.45	2.10	...	0.02	...	0.20	...	0.06	0.60	...	...	...	...	1.30	...	0.10	0.12	0.10
Thakurgaon	0.65	...	...	0.23	...	...	1.03	...	0.19	0.03	0.22	...	0.04	...	1.45	...	0.13	0.08	0.07	0.40	
Seabaganj	...	...	...	...	0.30	...	...	...	...	...	...	...	...	...	...	0.20	0.70	0.75	0.20	1.10	...
Ramganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atwari	...	...	...	...	...	...	0.25	...	...	3.50	2.15	...	...	...	...	...	1.15	...	2.13	...	...
Birganj	0.35	...	...	1.45	0.68	...	0.98	...	0.25	...	0.00	...	...	...	...	0.82	...	...	...	1.19	...
Paibagpur	...	...	...	...	...	1.11	...	...	...	0.90	...	...	...	...	...	...	0.23	0.70	...	...	...

Jaipalpur

Jaipalpur	0.35	...	...	...	1.66	0.24	0.58	0.08	0.16	0.16	1.55	1.65	...	...	0.26	...	...	0.44	0.10	1.40	...
Alipur Doria	...	0.20	0.04	...	0.06	...	0.20	0.27	...	...	1.82	0.07	...	0.31	0.59	...	0.36	2.12	1.35	...	...
Palakata	...	...	...	...	2.29	...	0.29	0.23	...	...	1.55	0.60	...	3.10	0.40	...	...	1.25	0.20	1.24	0.08
Debagun	...	...	...	...	2.39	...	0.03	0.20	...	...	0.05	...	...	0.20	...	0.06	0.27	...	0.31	...	...
Bhagatpur	...	...	1.15	...	...	...	0.24	0.11	0.60	0.04	0.81	1.80	...	0.34	0.52	0.03	0.63	0.32	0.36	0.45	...
(Nagarkata)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buxa	...	...	0.21	0.25	0.20	...	2.60	0.98	...	...	...	...	...	...	0.10	1.30	0.10	0.04	...	...	...
Kalchini	...	...	...	1.63	1.68	...	1.35	0.42	0.04	...	1.10	0.63	...	1.60	1.72	0.03	0.09	...	...	...	0.04
Kumargram	0.25	...	0.45	0.39	1.45	0.15	...	0.19	0.38

RAJBANGLA

Darjeeling

Siliguri	0.32	0.45	0.00	0.22	0.27
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BENGAL FOR THE MONTH OF AUGUST 1919—contd.

	22	23	24	25	26	27	28	29	30	31	No. of rainy days.	Average number of rainy days.	Total rainfall for the month.	Normal rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st June up to 31st August 1912.	Normal rainfall from 1st June up to 31st August.	Station.	DISTRICT.	DIVISION.		
19	0.05	0.08	0.09	0.06	0.06	0.30	0.65	0.22	...	0.47	21	15.8	18.58	12.42	3.28	48.74	36.04	Contal	Midnapore	BURDWAN—contd.		
20	0.08	0.08	0.09	0.06	0.13	0.45	0.18	1.03	0.83	0.31	12	14.4	12.40	12.70	3.41	43.02	35.25	Tamuk.	Midnapore			
21	0.21	0.50	0.32	...	0.64	1.44	0.08	1.20	0.08	0.06	18	15.8	20.29	11.84	5.75	40.37	33.49	Ghatol.	Midnapore			
22	1.08	...	0.64	...	0.68	...	...	...	2.06	0.72	16	16.5	20.08	12.60	3.20	29.65	34.95	Kukrabati.	Midnapore
23	0.04	...	...	...	0.70	1.00	1.08	1.07	0.01	1.09	19	16.4	21.40	11.81	4.25	65.11	39.64	Amikura.	Midnapore
24	0.12	0.89	...	...	1.05	...	0.35	0.46	0.13	...	19	16.8	16.98	12.87	3.80	36.13	35.11	Panikura.	Midnapore	
25	1.45	...	0.43	0.25	1.55	0.13	1.85	0.15	...	...	10	15.3	12.81	11.44	4.00	38.60	33.35	Dantan.	Midnapore	
26	...	1.25	...	1.15	0.39	0.26	...	0.10	0.37	17	13.7	10.58	11.18	0.25	41.07	33.36	Chandrakona.	Midnapore				
27	0.38	0.50	1.11	0.43	0.15	0.06	0.12	0.14	...	...	17	13.0	16.80	10.86	5.60	45.56	36.57	Pachet.	Midnapore	
28	...	...	0.44	0.22	0.76	0.11	0.38	...	0.36	19	16.3	16.26	11.20	3.00	37.47	37.47	Bhagwanpur.	Midnapore		
29	...	0.28	...	...	1.70	...	...	0.90	0.91	14	18.5	14.73	10.86	3.62	32.04	32.04	Kulikri.	Midnapore	
30	0.10	...	0.45	0.25	1.20	...	0.10	0.15	0.20	17	(n)	14.50	(n)	2.00	29.44	(n)	Nayabasan.	Midnapore				
31	0.40	0.04	0.17	0.52	0.52	0.23	0.20	...	0.35	19	14.9	13.36	10.36	2.60	35.55	29.74	Silda (Balpara-hati).	Midnapore				
32	...	...	0.19	...	...	0.82	0.32	0.96	1.41	0.20	15	(n)	14.8	18.21	9.73	7.71	44.21	Chandri.	Midnapore
33	0.63	0.66	...	0.10	1.84	0.03	2.17	0.45	0.18	16	13.7	17.25	7.13	6.10	37.61	37.79	Goaltore.	Midnapore				
34	0.06	0.45	0.59	0.45	1.09	0.47	1.05	0.15	0.19	22	17.2	15.21	10.27	3.95	39.15	37.45	Saiboni.	Midnapore				
35	...	0.60	...	1.39	0.96	...	0.12	0.40	1.01	12	13.0	17.82	9.84	3.82	44.05	39.46	Narayangan.	Midnapore				
36	0.37	0.17	0.48	0.78	1.64	0.47	0.53	0.13	...	0.33	21	11.1	15.87	9.34	3.42	53.65	33.31	Ramnagar.	Midnapore			
37	0.13	1.00	0.50	0.20	0.60	...	0.5	...	...	...	21	13.6	16.15	11.70	3.15	42.23	38.25	Mohannpur.	Midnapore
38	0.18	0.27	0.16	0.18	0.60	0.41	0.35	0.03	0.02	0.17	21	15.1	20.18	11.85	4.12	60.07	35.72	Henria.	Midnapore			
39	...	...	...	...	...	...	...	...	...	...	...	12.6	...	9.90	...	...	34.85	Jenka (Kharji).	Midnapore
40	0.15	1.00	0.20	1.10	1.20	...	1.20	...	0.95	21	14.9	14.75	10.31	2.10	61.10	31.86	Nandigram.	Midnapore				
41	1.20	0.20	0.10	0.70	1.00	0.20	0.50	1.30	0.33	18	12.3	14.40	8.27	2.10	34.10	34.47	Moyna.	Midnapore				
42	0.64	1.78	...	0.34	...	0.34	0.32	1.45	4.32	0.83	16	15.7	17.81	13.35	4.32	33.59	42.90	Pingla.	Midnapore			
43	0.22	...	0.03	0.02	0.02	0.18	0.33	0.02	0.01	...	15	16.7	8.21	11.30	2.48	28.92	34.09	Serampore.	Hooghly	BURDWAN—contd.		
44	0.08	...	...	...	0.04	0.04	0.45	0.05	0.02	...	17	16.8	10.37	10.52	1.6	31.90	31.34	Hooghly.	Hooghly
45	0.18	...	0.28	...	0.03	2.07	0.69	0.04	1.53	0.42	19	15.9	10.09	12.38	2.79	35.60	34.92	Avanbagh.	Hooghly			
46	0.79	1.41	0.23	0.19	0.04	1.09	1.39	0.39	0.08	0.31	22	17.1	20.01	11.22	4.25	45.25	34.56	Howrah.	Howrah		BURDWAN—contd.	
47	0.18	1.03	0.56	0.32	0.22	1.15	0.93	3.26	1.39	0.22	22	16.5	25.44	12.55	4.83	69.19	37.25	Moheswara.	Howrah			
48	0.15	0.20	0.85	0.38	0.76	0.35	0.50	4.10	1.12	0.62	24	16.3	28.47	10.31	9.70	54.70	34.08	Ulubaria.	Howrah			
49	0.10	0.47	0.23	0.26	0.35	1.15	0.40	1.17	0.81	0.79	24	13.8	26.74	10.58	8.00	64.90	35.22	Amta.	Howrah			
50	0.72	1.03	0.67	0.03	0.03	19	14.7	12.07	10.48	1.81	36.06	31.81	Boalia.	Boalia			BURDWAN—contd.
51	0.11	0.25	...	...	0.04	0.32	0.35	1.02	...	0.20	20	16.2	10.15	11.35	1.93	29.36	34.91	Nator.	Boalia	
52	...	...	...	...	2.43	0.27	0.30	...	0.09	0.28	17	14.7	8.82	9.99	2.43	38.23	34.25	Nangan.	Boalia
53	0.23	0.09	...	...	1.39	0.30	1.31	...	0.05	0.05	16	15.5	13.49	10.43	1.99	41.18	31.67	Bilmaria.	Boalia	
54	0.50	...	0.80	...	0.61	1.1	0.35	0.11	0.16	0.12	21	14.7	9.83	11.75	1.61	48.91	25.31	Mauda.	Boalia			
55	0.08	0.08	...	...	1.00	0.70	0.50	...	0.03	0.35	20	15.8	9.88	8.74	1.00	30.15	30.25	Mahadebpur.	Boalia	
56	0.42	0.70	...	...	0.35	2.15	0.13	0.20	...	0.07	20	(n)	11.70	(n)	2.15	28.70	(n)	Tanor.	Boalia	
57	0.87	0.44	...	...	0.06	0.14	1.15	0.88	0.18	0.07	22	(n)	10.55	(n)	1.15	...	(n)	Udagram.	Boalia	
58	...	1.63	...	...	2.00	2.05	0.30	...	...	0.10	17	14.0	14.90	10.63	2.16	44.01	34.02	Joari.	Boalia
59	0.60	...	0.60	...	0.65	1.27	1.45	...	0.20	...	14	13.2	7.84	13.94	1.45	36.01	46.21	Nithpur.	Dinajpur	BURDWAN—contd.		
60	...	...	...	...	0.06	0.21	0.22	...	...	...	13	16.4	7.16	13.55	2.32	31.66	42.26	Naxabganj.	Dinajpur
61	...	...	...	...	0.15	0.63	2.19	0.24	...	...	11	16.4	6.46	12.90	2.19	31.62	42.26	Gangarampur.	Dinajpur
62	...	...	...	...	1.15	0.15	1.20	0.38	...	0.06	15	16.3	8.79	13.86	3.30	35.04	41.66	Churamon.	Dinajpur
63	...	...	...	...	0.70	0.90	0.98	...	0.12	0.12	14	15.7	6.30	12.25	1.12	36.96	41.66	Raiganj.	Dinajpur
64	...	...	...	...	1.43	0.57	0.37	...	0.15	0.15	14	16.5	7.98	11.73	2.10	41.45	36.93	Dinajpur.	Dinajpur
65	0.60	...	...	...	0.30	0.30	0.88	0.12	0.67	0.15	14	15.8	8.22	16.95	1.95	41.67	33.31	Balughat.	Dinajpur
66	...	...	...	...	...	0.23	...	0.45	...	...	11	14.9	6.80	14.74	1.10	37.45	44.98	Thakurgaon.	Dinajpur
67	...	...	...	...	...	...	...	...	...	...	5	18.8	2.28	32.23	3.50	52.10	68.26	Satgaon.	Dinajpur
68	...	...	...	...	...	0.32	0.58	0.27	0.07	0.38	11	15.6	7.40	13.52	1.45	37.76	46.66	Raiganj.	Dinajpur
69	...	...	...	...	0.30	2.00	0.15	...	0.07	7	15.6	5.66	14.25	2.00	31.91	43.74	Parbatipur.	Dinajpur	BURDWAN—contd.
70	0.24	0.05	0.24	1.63	...	0.18	17	19.0	11.55	26.02	1.65	54.88	79.78	Jalpaiguri.		Jalpaiguri	BURDWAN—contd.	
71	0.79	0.10	0.36	0.27	...	0.40	13	17.7	10.91	25.20	2.12	68.63	58.11	Alipur Duars.		Jalpaiguri		
72	2.16	0.10	0.19	0.12	...	0.20	15	18.3	13.98	22.63	3.10	82.66	72.74	Farakka.		Jalpaiguri		
73	0.10	...	0.43	0.85	0.35	0.71	...	...	0.23	11	16.3	6.28	16.94	2.35	49.67	64.06	Debiganj.	Jalpaiguri		
74	0.73	...	...	0.27	0.36	0.97	0.78	...	0.28	18	22.7	11.31	32.67	1.80	81.41	95.96	Bhagpur.	Jalpaiguri		
75	Nagrakata.		Jalpaiguri		
76	...	...	...	...	1.30	0.40	0.30	...	0.80	13	22.8	8.83	45.19	2.60	111.90	133.70	Buxa.	Jalpaiguri	
77	...	...	...	...	0.62	0.25	...	...	0.58	12	21.6	13.21	33.44	1.72	86.29	94.40	Kalchini.	Jalpaiguri	
78	...	...	...	...	0.44	...	2.00	...	2.30	11	19.0	12.66	30.26	3.40	92.02	101.25	Kamargram.	Jalpaiguri	
79	2.32	0.30	0.28	0.05	14	21.3	10.75	27.33	2.22	80.70	84.73	Siliguri.	Darjeeling	BURDWAN—contd.		
80	...	...	...	...	0.62	5.04	1.66	0.08	0.31	0.03	18	24.2	20.43	25.70					

DAILY RAINFALL RECORDED IN

DIVISION.	DISTRICT.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
RAJ-SHAHI.	Malda ...	Malda ...	0.20	0.00	...	...	0.73	0.02	0.22	0.38	0.09	...	0.18	0.13	0.03	0.25	0.19	0.13	...	1.35	0.10	2.76
		Chanchai ...	0.03	0.00	0.13	0.38	...	0.06	0.06	0.05	0.22	0.38	0.04	...	...	0.04	0.49	0.38	0.08	0.20	0.37	0.70
		Gazol ...	0.26	...	0.27	1.82	...	...	0.50	0.40	0.58	0.30	2.60	...	...	...	0.43	1.65	...	...	0.84	1.71
		Siganj ...	...	0.72	0.65	0.85	1.50	...	0.32	0.22	0.08	0.02	0.08	1.84	0.05	0.26	...	0.32	...	0.60	0.46	0.22
		Gomastapur ...	0.45	...	...	...	1.00	...	1.92	...	...	0.27	0.17	...	...	0.42	...	0.32	...	0.34	0.23	0.22
		Nawabganj ...	...	...	0.50	0.55	...	...	...	...	1.03	0.49	...	...	...	...	0.39	...	...	2.65	1.37	1.31
		Dacca ...	Munshiganj ...	0.02	0.42	0.18	0.27	0.22	0.22	0.03	0.07	0.06	0.04	...	0.12	0.16	0.05	...	0.27	0.94	0.59
			Dacca ...	0.25	0.40	0.03	0.71	0.10	0.73	0.49	0.03	0.33	0.03	0.02	0.37	0.21	...	0.03	0.21	0.60	0.77
			Nawabganj ...	0.35	1.27	0.01	0.11	0.50	0.40	0.90	0.59	0.09	0.05	0.65	1.10	1.00	0.93	0.79
			Narayanganj ...	0.16	0.36	0.09	0.47	0.60	0.49	0.16	0.09	0.02	0.09	0.02	0.12	0.92	2.25	1.26	1.26
Narsingdi ...	0.20		0.16	...	...	...	0.42	0.03	0.05	0.90	0.50	...	0.02	0.03	...	0.17	...	0.43	0.65	1.90	0.71	
Dacca.	Manikganj ...	0.37	0.25	0.04	...	...	0.03	0.09	0.23	0.34	0.19	0.24	0.14	0.03	0.22	0.42	...	0.38	1.41	0.71	0.71	
	Joydebpur ...	0.15	0.19	0.02	...	0.17	0.21	0.13	0.58	0.08	0.07	...	0.08	...	0.03	0.02	...	0.12	1.17	0.96	0.83		
	Kapasia ...	0.40	0.23	...	...	...	0.20	...	...	...	...	...	...	...	...	...	...	0.50	0.45	0.94	0.94	
	Mymensingh	Kishorganj ...	0.52	0.85	...	...	...	0.25	...	0.12	0.18	0.26	...	...	0.02	3.17	...	0.30	0.32	1.12	0.28	0.28
		Atia (Tangail) ...	...	...	...	...	...	0.82	...	0.62	0.34	0.89	0.72	0.11	...	...	...	0.29	0.62	0.15	0.15	
		Sacisabari ...	0.25	...	0.08	0.05	...	0.06	0.06	...	0.20	...	0.10	...	0.16	0.30	...	0.15	1.20	0.16	0.30		
		Mymensingh ...	0.54	0.16	...	...	...	0.01	0.11	0.01	...	...	0.06	...	0.08	1.07	0.04	0.03	0.04	1.36	0.21	
		Jamalpur ...	0.27	0.14	0.08	0.07	0.19	0.02	0.07	0.62	0.26	...	0.41	...	0.01	...	0.74	0.07	0.09	0.04	0.79		
		Netrokona ...	0.25	...	...	0.05	...	0.08	...	0.43	0.25	...	0.32	0.03	0.04	0.02	0.43	0.28	0.45	0.42	0.26	
		Pingua ...	...	...	...	0.45	...	...	0.12	...	0.11	0.07	...	0.03	0.08	0.02	0.20	0.54	0.06	0.72	0.22	
Durgapur ...		...	0.22	0.12	0.05	...	0.16	0.84	0.18	0.62	...	1.05	...	0.04	0.22	...	0.65	1.43	0.42	0.30		
Sherpur ...		0.11	...	...	...	...	0.55	...	0.17	...	...	0.28	...	...	0.21	0.18	0.05	0.08	0.22	0.29		
(Tota) ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca.	Dowarganj ...	...	...	...	1.80	1.02	...	...	1.60	0.19	...	0.78	...	...	...	...	0.85	0.03	0.63	0.34	0.08	
	Nalitabari ...	1.20	...	...	...	...	...	...	...	...	...	...	...	0.10	0.20	1.00	...	...	...	2.15	2.15	
	Faridpur...	Madaripur ...	0.84	1.08	0.23	...	...	0.19	0.81	0.47	0.75	...	0.07	0.67	0.14	0.06	...	...	2.24	0.70	0.47	0.97
		Faridpur ...	0.72	0.91	0.34	0.34	0.02	0.02	0.05	1.06	0.45	0.05	0.33	0.06	0.64	1.90	0.01	0.02	0.10	0.70	0.47	0.97	
		Rajbari ...	0.60	0.42	1.77	0.19	...	0.87	0.15	0.78	0.04	0.30	0.35	0.06	0.34	0.27	...	0.02	0.34	0.25	0.14	0.98	
		(Goulundo) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Haridaspur ...	1.40	0.30	0.09	0.12	...	0.09	0.26	0.74	0.19	0.26	0.47	0.15	0.17	0.31	...	0.04	0.67	0.90	0.53		
	Dacca.	Takorhat ...	0.61	0.80	0.29	...	0.07	0.29	0.70	0.08	0.55	0.61	0.08	0.07	0.39	0.21	0.03	0.12	0.52	0.17	0.11		
		Bhanga ...	1.75	2.05	0.50	0.05	...	0.75	2.05	1.80	...	0.03	0.10	0.25	0.05	...	0.30	0.50	1.05	0.76	0.90		
		Pangsa ...	0.10	0.05	0.03	0.05	0.10	1.01	0.59	0.49	...	0.51	0.06	0.23	0.34	...	0.42	0.27	0.18	0.26	1.74		
Bafakandi ...		0.40	1.53	1.89	0.26	0.09	0.38	0.10	0.38	0.05	0.06	0.03	0.23	0.07	1.18	...	0.30	0.54	0.57	1.50			
Bhusna ...		1.10	0.85	...	0.35	...	0.36	0.48	0.50	0.66	0.47	...	0.09	...	...	0.14	...	0.99	0.24	0.43		
Palong ...		0.75	2.02	0.20	...	...	0.07	0.16	0.21	...	0.45	0.25	0.48	...	...	...	1.35	1.30	0.30	...		
Dacca.		Bakarganj	Patuakhali ...	3.30	3.03	0.99	0.05	0.10	0.17	0.19	0.24	0.07	0.43	0.09	0.08	...	0.13	1.20	3.00	1.23
			Barguna ...	0.67	0.69	0.45	0.09	0.38	0.24	0.09	0.12	...	0.12	0.42	0.28	0.23	...	0.77	0.12	2.15	1.72	1.07	
			Pirojpur ...	1.57	0.39	0.22	0.20	...	0.34	0.14	0.50	0.48	0.13	0.45	0.06	0.55	0.45	...	0.25	...	0.48	1.70	0.27
			Barisal ...	2.11	1.66	1.24	...	...	0.16	0.24	0.30	...	0.06	0.18	0.57	...	0.11	...	0.14	1.38	0.88	1.12
	Gaurnadi ...		1.15	1.00	1.92	...	...	1.13	0.59	0.40	0.20	0.12	...	0.05	0.65	...	0.22	...	0.04	0.60	0.22	0.06
	Bhola ...		1.56	2.28	1.97	...	0.59	0.58	0.46	0.17	0.42	0.60	0.25	0.04	0.23	0.16	0.34	0.04	0.09	0.94	1.86	0.88	
	Daulatkhan ...		0.48	2.58	1.30	...	0.59	0.12	0.10	0.15	1.43	0.04	0.06	1.13	0.25	...	0.24	0.18	0.40	2.72	1.64		
	Bauphal ...		2.54	1.12	...	...	0.23	1.12	1.71	...	0.14	...	...	0.07	0.13	0.02	...	1.04	2.90	2.95	1.11	
CHITTAGONG.	Chittagong	Cox's Bazar ...	2.33	1.71	3.25	0.20	0.15	0.78	1.65	2.86	4.80	0.12	1.31	1.41	3.19	0.42	0.39	0.12	0.02	0.95	1.42	3.22	
		Chittagong ...	1.10	0.13	3.60	0.63	1.05	0.23	4.75	2.46	2.36	0.11	0.06	0.17	0.40	0.61	0.10	0.46	...	...	1.60	2.07
		Karubdia ...	1.14	0.02	4.50	0.10	...	0.30	2.06	1.80	2.40	0.32	0.83	1.83	2.25	0.84	1.10	...	...	0.10	1.60	1.28
		Sakania ...	0.24	...	0.41	0.30	...	3.05	0.15	4.00	0.26	0.20	...	0.65	0.45	0.95	0.16	0.50	0.12	0.85	0.97	...	
		Kodala ...	...	0.96	0.55	0.75	...	1.35	1.12	0.52	0.20	0.10	...	0.45	0.61	0.16	0.14	0.14	1.40	0.90	...	...
		Mirarai ...	1.10	4.50	0.20	0.26	...	1.80	3.40	1.08	0.14	0.19	2.37	...	0.23	...	...	...	4.40	0.76	0.35	
	Tippera ...	Comilla ...	0.17	0.05	0.40	...	0.14	0.06	0.12	1.39	0.36	0.26	...	...	...	0.42	0.09	...	0.23	0.12	2.16	0.06
		Chandpur ...	0.03	0.37	0.30	0.02	...	0.61	0.45	0.32	0.49	0.47	0.03	0.20	0.05	0.28	0.27	...	0.14	0.83	1.30	1.03	
		Brahmanbaria ...	1.30	0.03	...	...	0.26	0.14	...	0.12	0.21	...	0.02	0.04	0.10	0.20	...	0.08	...	0.71	1.34	...
		Ramchandrapur ...	0.20	0.14	...	...	...	0.18	...	0.20	1.20	0.25	...	...	...	0.15	0.50	0.13	...	1.14	0.20	...
Chittagong	Nasirnagar ...	0.13	...	0.23	...	...	...	...	0.32	...	...	...	...	0.15	...	...	0.35	0.25	0.80	...	...
	Dandkandi ...	...	...	0.16	...	1.72	0.38	0.15	...	...	...	...	...	0.36	...	...	1.66	1.35	...	...	
	Kasba ...	...	0.10	...	0.23	0.60	0.05	0.40	...	...	...	...	...	0.95	...	...	0.82	1.65	...	...	
	Laksmi ...	0.11	0.14	0.83	...	0.50	...	0.60	2.09	0.24	3.25	...	0.11	0.37	0.10	0.11	...	0.07	0.82	2.41	0.22		
CHITTAGONG.	Noakhali	Noakhali ...	0.45	0.20	0.60	0.16	0.02	0.30	0.34	2.06	0.15	0.12	0.06	1.22	1.40	0.08	1.16	...	0.44	1.02	0.87	1.75	
		Feni ...	0.25	...	1.65	0.17	0.22	...	0.75	2.22	0.52	1.70	...	0.05	0.11	0.22	...	...	...	1.08	1.22	0.72
		Harishpur ...	1.05	0.03	3.28	0.34	0.06	0.95	...	0.33	0.15	0.51	...	0.30	0.31	0.90	0.18	0.23	0.08	0.40	2.10	2.45	
		Ramganj ...	...	1.48	...	0.30	0.54	0.45	0.95	...	0.33	...	...	...	0.38	0.20	0.55	0.40	...	...	1.12	...
		Chhannanaya ...	0.22	...	2.05	0.15	0.18	...	2.40	1.55	0.25	0.44	...	...	...	...	...	...	...	...	1.86	0.94
	Chittagong	Hatiya ...	0.91	2.15	3.28	0.98	0.03	0.14	0.67	0.82	0.63	0.25	0.77	1.47	0.23	0.18	2.54	0.14	0.80	2.28	3.04	1.54	
		Lakshmipur ...	0.10	0.83	2.																		

BENGAL FOR THE MONTH OF AUGUST 1919—concl'd.

	1	2	3	4	5	6	7	8	9	10	11	No. of rainy days.	Average number of rainy days.	Total rainfall for the month.	Normal rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st June up to 31st August 1919.	Normal rainfall from 1st June up to 31st August.	Station.	DISTRICT.	DIVISION.
1919	0.18	0.01	...	1.45	2.46	2.70	0.24	1.85	...	19	14.7	19.19	10.64	2.98	55.32	31.69	Malda, Chanchal, Gazol, Sibganj, Gomatapur, Nawabganj.	Malda	RAJSHAH.		
1920	0.06	1.12	...	0.58	0.95	2.75	0.45	0.23	...	18	15.1	17.18	12.45	2.75	59.15	35.09	...	...	...
1921	...	...	...	0.09	1.05	2.25	0.04	0.58	...	15	14.9	14.62	10.15	2.53	41.83	31.08	...	...	...
1922	0.37	0.23	...	...	0.49	...	...	3.53	0.50	14	15.7	15.11	10.57	2.63	44.83	32.52	...	...	...
1923	0.56	0.18	0.22	0.59	2.26	0.41	1.23	0.42	0.06	16	18.1	12.17	12.72	2.26	46.80	41.81	Munshiganj, Dacca.	Dacca	RAJSHAH.		
1924	0.29	0.91	...	0.36	1.22	0.52	0.65	0.04	0.04	16	17.5	10.79	12.92	1.62	54.64	39.49	...	...	...
1925	0.20	0.10	...	0.28	0.50	0.13	0.60	0.54	0.05	18	12.7	8.53	11.21	1.10	28.15	41.11	Nawabganj, Narayanganj, Narsingdi, Manikganj, Joydabpur, Kapasia.	...	...
1926	0.35	0.13	0.02	0.46	2.23	0.81	0.64	2.27	0.07	17	18.4	14.39	12.27	2.38	42.75	40.90	...	...	...
1927	0.27	0.26	0.04	1.31	1.17	0.61	0.09	...	0.18	16	14.8	10.51	11.64	1.90	27.68	38.86	...	...	...
1928	0.42	0.15	...	0.07	0.80	0.55	1.41	0.20	0.02	19	15.6	8.90	11.56	1.31	34.88	34.60	...	...	...
1929	0.20	0.24	...	0.15	0.91	0.53	1.55	0.02	0.11	18	17.4	9.50	14.00	1.55	32.71	41.23	...	...	...
1930	0.20	0.20	...	0.20	0.60	0.35	0.03	...	0.15	13	18.0	4.48	12.85	0.60	20.21	42.22	...	...	...
1931	2.66	1.67	0.31	2.27	1.32	1.41	0.05	...	5.12	19	17.1	25.91	14.89	5.66	76.88	47.44	Kishorganj, Dacca, Atia (Fangdill), Sarisbari, Mymensingh, Jamalpur, Netrokona, Pingna, Durgapur, Sherpur (Tonen).	Mymensingh	RAJSHAH.		
1932	2.80	0.15	...	0.16	2.62	...	0.10	...	...	14	14.6	10.63	11.07	2.80	41.82	34.32	...	...	...
1933	...	0.05	...	0.08	2.60	1.55	...	0.20	...	13	16.4	7.82	13.65	2.60	41.25	41.25	...	...	...
1934	0.21	0.50	0.02	0.45	0.50	0.16	0.05	0.05	0.84	12	19.3	9.20	15.36	2.21	43.86	50.58	...	...	...
1935	0.65	0.02	0.05	0.30	1.19	0.22	...	0.02	0.53	13	16.9	7.34	13.70	1.19	39.70	42.73	...	...	...
1936	0.40	0.25	0.10	0.90	2.00	0.75	0.14	0.18	0.32	20	21.8	10.96	2.75	2.25	52.20	64.42	...	...	...
1937	0.20	0.05	...	...	1.02	4.00	0.21	...	0.16	12	14.7	9.67	13.49	4.00	38.00	35.66	...	...	...
1938	...	0.52	0.16	1.16	1.77	1.44	0.42	0.11	0.30	21	21.8	16.61	20.08	3.08	105.81	87.21	...	...	...
1939	0.28	...	...	...	0.73	0.11	0.07	...	0.46	18	17.7	4.25	16.65	0.73	22.07	49.92	...	...	...
1940	0.03	0.10	...	...	1.05	0.52	...	...	0.46	11	14.6	9.45	13.80	1.80	44.50	43.89	Dewanganj, Nalitabari.	...	...
1941	...	0.05	0.14	...	0.13	0.82	0.22	3.96	0.23	18	16.5	13.50	11.85	3.96	49.61	37.07	Madaripur, Rajbari, (Goalando), Haridaspur, Takerhat, Bhanga, Pangna, Baliaakandi, Bhusha, Paloug.	Faridpur	...		
1942	...	0.45	0.03	...	2.16	1.32	0.33	3.75	0.11	20	16.7	18.53	12.17	3.75	39.96	37.99	...	...	...
1943	...	0.06	0.16	0.02	0.30	2.27	0.50	0.27	0.05	22	15.1	13.06	10.66	2.27	38.24	34.01	...	...	...
1944	...	1.01	0.12	...	0.19	1.10	0.55	2.27	0.38	21	18.0	11.69	14.13	2.37	40.99	41.35	...	...	...
1945	0.04	0.05	0.02	...	0.22	1.07	0.41	2.62	0.14	20	18.4	12.26	15.09	3.62	44.45	48.33	...	...	...
1946	...	0.25	0.05	0.02	1.05	1.75	3.05	2.25	0.75	20	15.5	20.31	12.70	2.25	64.22	56.01	...	...	...
1947	...	0.63	0.07	...	0.90	1.14	0.62	2.36	0.06	19	16.7	12.74	11.70	2.35	45.89	39.77	...	...	...
1948	...	0.13	0.16	0.05	0.71	0.30	0.71	7.11	0.03	20	17.6	20.05	13.03	7.11	47.10	40.18	...	...	...
1949	...	1.06	...	...	0.53	0.12	0.31	2.09	0.21	17	17.3	10.65	13.06	2.09	30.70	37.49	...	...	...
1950	...	...	0.19	...	1.31	0.92	0.62	3.82	0.26	18	20.6	16.70	17.22	3.82	57.10	52.99	...	...	...
1951	1.99	0.10	...	...	0.56	2.21	1.08	2.75	0.18	21	21.4	26.43	13.75	2.30	86.43	62.10	Patoakhali, Barguna, Pirojpur, Barisal, Gaurmadi, Bhola, Daulakhan, Bauphal.	Bakarganj	...
1952	0.18	0.17	...	0.46	3.38	0.87	1.17	0.92	0.09	24	21.0	18.15	13.07	3.38	64.78	61.24	...	...	...
1953	...	...	...	...	0.19	1.10	0.85	2.85	0.30	23	18.8	14.57	13.67	2.85	49.51	44.86	...	...	...
1954	...	0.02	0.15	...	0.22	1.78	0.13	0.57	0.08	19	19.3	13.64	13.23	2.11	66.99	45.77	...	...	...
1955	...	0.12	0.10	...	1.37	0.76	0.26	0.65	0.15	20	17.7	11.90	12.81	1.92	52.44	40.44	...	...	...
1956	...	0.36	0.12	...	2.86	3.25	0.26	0.46	0.24	25	21.4	21.42	16.72	3.25	65.26	52.82	...	...	...
1957	...	0.20	0.13	...	0.80	1.25	1.92	1.96	0.52	15	21.5	22.52	16.72	3.33	68.19	59.16	...	...	...
1958	...	0.51	1.05	...	3.39	3.64	3.96	3.46	0.16	19	21.5	22.43	18.10	3.96	94.53	64.98	...	...	...
1959	0.34	0.13	0.03	...	1.43	2.10	3.65	1.56	0.09	26	20.9	29.29	28.02	4.80	113.38	98.54	Cox's Bazar, Chittagong, Kutubdia, Satkania, Kodala, Misra.	Chittagong	...		
1960	1.13	0.40	2.70	0.04	0.91	0.94	0.57	0.22	0.04	23	17.8	30.49	20.80	4.75	87.16	66.38	...	...	...
1961	0.32	0.05	0.20	...	0.58	1.90	3.97	1.22	1.00	25	18.6	32.43	21.43	4.50	101.72	76.10	...	...	...
1962	0.30	0.62	1.45	...	1.55	1.40	...	0.73	0.40	23	19.8	19.67	19.47	4.00	74.02	63.32	...	...	...
1963	0.84	2.69	...	...	0.75	0.26	0.48	...	0.42	20	21.2	14.06	18.49	2.69	61.96	56.53	...	...	...
1964	0.23	0.80	...	...	1.05	1.22	...	0.18	...	20	19.2	22.91	25.41	4.50	83.85	73.74	...	...	...
1965	3.36	0.65	0.20	0.02	1.02	2.20	0.40	0.40	...	20	17.8	15.12	16.37	3.26	52.65	60.37	Comilla, Chandpur, Feul, Brahmanbaria, Ramchandrapur, Naairnagar, Dandakandi, Kaoba, Laksm.	Tippera	...		
1966	0.09	0.22	0.15	0.30	1.01	2.04	0.50	0.15	2.08	24	20.4	14.53	16.32	2.98	47.35	46.15	...	...	...
1967	...	0.68	3.12	...	1.79	0.84	0.98	0.02	0.94	17	18.8	12.61	12.22	5.12	31.76	39.32	...	...	...
1968	1.10	0.14	...	1.81	1.72	...	0.12	...	0.10	19	13.1	9.67	13.27	1.81	38.63	42.53	...	...	...
1969	...	2.62	...	3.30	0.70	...	...	...	3.85	12	14.8	13.09	11.84	3.30	33.90	39.99	...	...	...
1970	0.62	0.10	0.82	1.56	0.59	0.18	0.33	...	0.50	19	18.4	12.84	12.10	1.72	42.32	39.63	...	...	...
1971	0.44	1.40	...	1.12	0.62	...	...	0.22	...	14	18.6	9.19	11.85	1.68	32.92	29.27	...	...	...
1972	0.18	1.28	0.09	...	0.04	3.07	0.75	0.34	...	20	17.2	14.93	17.79	3.07	57.40	52.91	...	...	...
1973	...	0.42	0.18	...	0.10	2.50	1.54	0.96	2.65	24	23.1	26.21	26.12	5.66	78.09	74.17	Noakhali, Fenil, Harishpur, Ramganj, Chhaganaiya, Hatiya, Lakshmipur.	Naashali	...		
1974	1.76	0.29	0.22	...	0.31	1.44	0.91	0.95	1.10	24	21.2	14.65	24.50	2.82	66.63	71.96	...	...	...
1975	...	0.38	...	0.10	2.50	0.62	0.28	2.62	1.12	21	19.9	19.69	17.90	3.88	68.67	61.35	...	...	...
1976	...	1.06	...	...	1.50	0.25	0.19	0.05	0.38	16	19.9	14.21	23.06	2.40	62.09	67.63	...	...	...
1977	0.17	0.10	0.18	...	1.89	3.47	0.92	2.06	1.75	22	24.0	32.75	23.94	3.47	99.38	75.46	...	...	...
1978	...	0.29	0.05	...	0.62	2.79	2.03	0.55	2.80	1.05	25	22.3	26.03	19.66	3.47	78.51	60.16	
1979	...	0.60	1.79	...	0.70	1.04	1.05	0.17	1.03	25	21.8	21.05	17.46	2.79	58.54	54.14	Rangamati, Bandarban, Barakal, Mahalcheri, Lama, Rangarh.	Chittagong Hill Tracts	...		
1980	1.80	0.40	4.98	0.20	...	0.99	0.43	0.15	0.06	23	20.3	22.12	16.96	4.98	62.68	58.83	...	...	...
1981	...	0.35	0.42	0.08	0.41	0.40	1.90	0.10	0.11	25	22.5	12.21	19.19	1.46	45.05	60.24	...	...	...
1982	0.24	0.09	0.50	0.50	0.42	0.21	...	0.05	1.34	22	(n)	12.13	(n)	3.10	51.90	(n)	...	...	...
1983	0.25	1.40	0.45	...	0.40	0.50	0.50	0.20	0.26	39	(n)	29.50	(n)	4.36	86.29	(n)	...	...	...
1984	0.20	0.03	0.27	0.07	0.16	0.27	...	...	1.09	18	(n)	9.79	(n)	2.31	12.93	(n)	...	...	...
1985	0.07	1.76	0.21	0.75	1.00	0.11	0.01	0.26	0.36	18	16.6	11.63	11.84	2.28	35.86	39.45	Agartala.	Hill Tippera	...		
1986	...	...	...	0.62	0.76	0.27	0.06	0.05	0.61	10	15.6	3.96	17.57	1.42	56.67	62.68	Dinara, Cooch Behar, Mookilganj, Machabhang, Fulbari, (Tufanganj).	Cooch Behar	Cooch Behar.
1987	...	...	...	...	0.60	0.20	0.70	0.28	...	12	17.7	9.33	22.99	2.95	69.56	82.26	...	...	...
1988	...	...	...	...	2.05	0.25	0.37	0.12	...	14	18.1								

Vital Statistics of the Towns with a population of 10,000

Districts.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS		
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-born number registered.	Cholera.	Small pox.	Plague.
Burdwan ...	1	Burdwan ...	20,527	15,394	35,921	32	...	5	1	...
	2	Raniganj ...	8,417	7,080	15,497	19	...	6	...	...
	3	Asansol ...	12,486	9,433	21,919	32	...	12	...	...
Bankura ...	4	Bankura ...	12,156	11,297	23,453	38	...	19	...	...
	5	Vishnupur ...	10,025	10,453	20,478	27	...	14	...	...
	6	Sonamukhi ...	6,254	7,021	13,275	5	...	4	...	...
Midnapore ...	7	Midnapore ...	17,577	15,163	32,740	42	...	3	...	...
	8	Ghatal ...	6,216	5,848	12,064	15	4	...	2	...
Hooghly ...	9	Hooghly and Chinsura.	15,817	13,099	28,916	46	...	...	...	...
	10	Serampore ...	19,639	12,439	32,078	31	...	6	...	...
	11	Rishra Konnagore...	10,724	6,792	17,516	24	...	...	1	...
	12	Baidyabati ...	Figures not available			16,131	11	...	...	...
	13	Bhadreswar ...				13,441	11	...	1	...
	14	Champdani ...				15,297	10	...	...	...
Howrah ...	15	Howrah ...	114,829	64,560	179,389	293	...	17	26	...
	16	Bally ...	14,217	8,177	22,394	27	1	1	12	...
24-Parganas	17	Cossipore-Chitpur ...	30,793	17,385	48,178	67	4	11	5	...
	18	Maniktala ...	31,735	22,032	53,767	42	9	9	7	...
	19	South Suburban ...	17,683	13,850	31,533	34	2	2	...	...
	20	Tollygunge ...	11,183	7,250	18,433	25	1	...	1	...
	21	Garden Reach ...	27,665	17,630	45,295	56	2	6	2	...
	22	Budge-Budge ...	11,529	6,453	17,982	25	...	...	...	...
	23	Baranagar ...	14,982	10,913	25,895	32	4	2	...	...
	24	Kamarhati ...	11,243	6,772	18,015	26	...	8	1	...
	25	Rajpur ...	5,762	5,845	11,607	23	...	...	1	...
	26	South Dum-Dum ...	7,760	5,114	12,874	19	...	2	...	...
	27	Barrackpore ...	11,357	6,944	18,301	12	...	...	1	...
	28	Panihati ...	6,339	4,779	11,118	8	...	...	...	...
	29	North Barrackpore...	9,780	6,340	16,120	13	...	1	1	...
	30	Tittagarh ...	31,225	13,946	45,171	49	3	2	2	...
	31	Garulia ...	7,876	3,704	11,580	3	...	4	3	...
	32	Naihati ...	11,685	6,534	18,219	16	...	8	...	...
	33	Bhatpara ...	34,739	15,675	50,414	50	1	4	3	...
	34	Basirhat ...	9,517	8,814	18,331	23	...	...	...	...
	35	Baduria ...	7,058	6,622	13,680	23	...	...	...	...
Calcutta ...	36	Calcutta ...	607,674	288,393	896,067	1,305	109	88	80	9
Nadia ...	37	Krishnagar ...	11,767	11,708	23,475	19	...	...	...	...
	38	Nadia or Nabadwip	5,821	6,659	12,480	9	...	...	...	...
	39	Santipur ...	12,186	14,517	26,703	43	...	...	...	...

and over, of Bengal, for the month of July 1919.

REGISTERED.											No.	Towns.
Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries including suicide.	Other causes.	Total of all causes.			Total of corresponding month of previous year.				
					Male.	Female.	Total.	Male.	Female.	Total.		
33	12	9	3	18	40	41	81	47	23	70	1	Burdwan.
11	3	2	...	11	22	11	33	15	29	44	2	Raniganj.
36	9	2	3	5	42	25	67	39	26	65	3	Asansol.
18	7	1	...	12	27	30	57	33	26	59	4	Bankura.
19	6	...	1	7	25	22	47	20	13	33	5	Vishnupur.
18	8	...	...	2	18	14	32	12	10	22	6	Sonamukhi.
19	8	12	...	9	23	28	51	22	13	35	7	Midnapore.
15	3	...	...	1	8	13	21	9	10	19	8	Ghatal.
16	9	15	...	14	28	26	54	51	29	80	9	Hooghly and Chinsura.
23	17	14	...	4	36	28	64	33	30	63	10	Serampore.
8	3	3	1	5	11	10	21	20	13	33	11	Rishra Konnagore.
19	4	2	2	4	12	19	31	19	19	38	12	Baidyabati.
7	2	...	...	5	6	9	15	7	6	13	13	Bhadreswar.
20	3	1	...	1	10	15	25	10	7	17	14	Champdani
218	62	162	12	120	324	293	617	369	259	628	15	Howrah.
25	2	5	...	1	27	19	46	21	15	36	16	Bally.
54	5	24	7	31	76	61	137	104	78	182	17	Cossipore-Chitpur.
56	20	52	...	58	109	93	202	117	82	199	18	Maniktala.
30	4	10	2	4	31	21	52	37	28	65	19	South Suburban.
14	1	3	...	...	12	7	19	17	16	33	20	Tollygunge.
34	13	17	...	30	63	39	102	63	35	98	21	Garden Reach.
8	2	5	...	2	15	2	17	32	10	42	22	Budge-Budge.
37	23	7	1	13	46	37	83	53	34	87	23	Baranagore.
33	8	1	...	7	40	18	58	35	5	40	24	Kamarhati.
24	...	2	...	2	15	14	29	20	12	32	25	Rajpur.
7	2	2	1	3	10	7	17	22	10	32	26	South Dum-Dum.
14	4	5	...	1	17	8	25	8	6	14	27	Barrackpore.
9	1	1	...	1	9	3	12	10	16	26	28	Panihati.
11	1	11	1	2	11	17	28	17	17	34	29	North Barrackpore.
144	9	6	...	17	105	75	180	119	62	181	30	Titagarh.
1	...	1	1	...	4	6	10	6	4	10	31	Garulia.
17	2	3	1	6	18	19	37	16	5	21	32	Naihati.
24	...	1	...	10	26	16	42	49	24	73	33	Bhatpara.
21	1	1	2	...	13	12	25	21	18	39	34	Basirhat.
8	1	3	...	1	8	5	13	5	6	11	35	Baduria.
480	286	672	42	948	1,476	1,129	2,605	1,853	1,170	3,023	36	Calcutta.
8	1	1	...	5	6	9	15	19	15	34	37	Krishnagar.
16	1	1	1	1	13	7	20	12	11	23	38	Nadia or Nabadwip.
26	3	6	2	11	25	23	48	32	23	55	39	Santipur.

Vital Statistics of the Towns with a population of 10,000

Districts.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS		
			Male.	Female.	Total.	Number registered (exclud- ing still- births.)	Still-born number registered.	Cholera.	Small- pox.	Plague.
Murshidabad	40	Berhampore ...	14,302	11,841	26,143	33	1	...	...	...
	41	Murshidabad ...	6,259	6,410	12,669	22	...	...	...	...
	42	Ajimganj ...	6,725	5,602	12,327	12	...	1	2	...
	43	Kandi ...	6,212	6,426	12,638	20	...	...	...	...
	44	Jangipur ...	5,493	5,915	11,408	24	...	1	...	...
Khulna	45	Khulna ...	7,983	5,013	12,996	13	1	6	...	...
	46	Satkhira ...	5,802	5,100	10,902	6	...	...	...	...
Rajshahi	47	Rampur-Boalia ...	13,057	10,349	23,406	67	1	3	...	...
Dinajpur	48	Dinajpur ...	9,648	6,297	15,945	12	...	...	4	...
Jalpaiguri	49	Jalpaiguri ...	7,547	4,218	11,765	13	...	19	...	...
Darjeeling	50	Darjeeling ...	11,631	7,374	19,005	27	1	1	...	...
Rangpur	51	Rangpur ...	10,509	5,920	16,429	12	...	...	...	...
Pabna	52	Pabna ...	10,056	9,218	19,274	13	...	...	4	...
	53	Sirajganj ...	13,236	11,541	24,777	10	1	10	5	...
Maida	54	English Bazar ...	7,697	6,625	14,322	26	...	...	8	...
	55	Nawabganj ...	11,122	12,200	23,322	26	...	...	...	...
Dacca	56	Dacca ...	63,091	45,460	108,551	155	4	2	9	...
	57	Narayanganj ...	18,738	9,138	27,876	40	1	...	1	...
Mymensingh	58	Mymensingh ...	13,462	6,391	19,853	11	...	...	...	...
	59	Netrakona ...	8,018	5,722	13,740	8	1	3	2	...
	60	Jamalpur ...	11,728	9,381	21,109	27	...	9	5	...
	61	Sherpur ...	8,516	7,075	15,591	38	2	1	...	...
	62	Kishoreganj ...	9,508	8,518	18,026	25	...	3	...	...
	63	Bajitpur ...	5,447	5,386	10,833	19	...	...	2	...
	64	Tangail ...	8,493	7,869	16,362	9	...	...	...	...
Faridpur	65	Faridpur ...	8,017	5,114	13,131	15	...	...	...	...
	66	Madaripur ...	10,549	8,524	19,073	28	...	2	...	...
Bakarganj	67	Barisal ...	15,488	6,985	22,473	25	...	...	...	...
	68	Pirojpur ...	6,523	5,473	11,996	18	...	3	...	...
Chittagong	69	Chittagong ...	18,779	9,987	28,766	94	3	1	...	...
Tippera	70	Comilla ...	13,706	8,986	22,692	22	...	12	...	...
	71	Brahmanbaria ...	11,671	10,624	22,295	26	...	1	6	...
	72	Chandpur ...	9,062	3,655	12,717	12	...	1	...	...
Total of month...			...	...	2,618,159	3,493	156	313	198	9
Total of corresponding month of previous year.			...	...	...	3,839	157	197	59	18
Increase + or decrease — ...			...	...	...	-346	-1	+116	+139	-9

REMARKS—

1. The above table is compiled from returns collected by the Municipalities and submitted to this office by the Civil Surgeons. Taken as a of cases and in a few instances are obviously incomplete.
2. The vital statistics of Municipalities with a population of less than 10,000 have been excluded from this statement and incor
3. The birth and death ratios per 1,000 per annum have been omitted from this statement according to the Government of India, Educa

CALCUTTA,

The 18th September 1919.

and over, of Bengal, for the month of July 1919—concd.

Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Injuries including suicide.	Other causes.	Total of all causes.			Total of corresponding month of previous year.			No.	Towns.
					Male.	Female.	Total.	Male.	Female.	Total.		
11	3	14	2	12	27	15	42	24	21	45	40	Berhampore.
16	...	1	...	...	9	8	17	18	19	37	41	Murshidabad.
15	1	1	...	5	10	15	25	10	10	20	42	Ajimganj.
6	...	2	1	2	8	3	11	8	6	14	43	Kandi.
19	...	1	...	...	18	3	21	8	8	16	44	Jangipur.
30	1	2	5	3	27	20	47	14	16	30	54	Khulna.
3	...	3	1	...	4	3	7	6	5	11	46	Satkhira.
16	1	...	2	8	15	15	30	14	13	27	47	Rampur-Boalia.
3	1	...	2	7	11	6	17	11	7	18	48	Dinajpur.
6	5	5	...	10	29	15	45	13	7	20	49	Jalpaiguri.
8	3	8	...	18	22	16	38	15	18	33	50	Darjeeling.
10	4	1	1	1	13	4	17	25	16	41	51	Rangpur.
4	...	2	...	5	10	5	15	5	2	7	52	Pabna.
9	1	1	...	2	18	10	28	5	1	6	53	Sirajganj.
9	5	3	3	4	21	11	32	19	13	32	54	English-Bazar.
4	1	...	1	1	6	1	7	12	7	19	55	Nawabganj.
141	23	16	7	78	155	121	276	191	107	298	56	Dacca.
15	...	2	...	27	27	18	45	22	14	36	57	Narayanganj.
15	2	1	...	9	18	9	27	16	4	20	58	Mymensingh.
5	1	...	...	2	5	8	13	2	3	5	59	Netrokona.
33	2	3	...	8	34	26	60	17	20	37	60	Jamalpur.
15	...	1	...	9	16	10	26	11	6	17	61	Sherpur.
12	11	2	...	5	15	18	33	5	7	12	62	Kishoreganj.
5	2	...	...	6	4	11	15	6	1	7	63	Bajitpur.
7	...	...	1	4	9	3	12	13	6	19	64	Tangail.
15	2	2	...	3	13	9	22	10	9	19	65	Faridpur.
11	5	1	1	14	14	20	34	15	12	27	66	Madaripur.
9	4	...	...	3	11	5	16	19	9	28	67	Barisal.
10	...	1	2	5	14	7	21	5	3	8	68	Pirojpur.
21	2	...	...	15	20	19	39	65	43	108	69	Chittagong.
11	2	...	1	8	19	15	34	20	12	32	70	Comilla.
20	...	2	5	16	26	24	50	16	17	33	71	Brahmanbaria.
5	3	...	2	3	8	6	14	10	4	14	72	Chandpur.
2,100	631	1,138	120	1,665	3,463	2,711	6,174	...	...	...
2,492	595	1,491	115	1,738	4,044	2,661	6,705	4,044	2,661	6,705		
-392	+36	-353	+5	-73	-581	+50	-531	...	...	...

whole the table possesses a relative value, although the figures for individual towns probably only approximate to the actual in a proportion reported in the returns for districts—vide Bengal Government, Municipal Department, letter No. 118San., dated the 8th February 1918. San. Department, letter No. 93, dated the 26th March 1918.

CHARLES A. BENTLEY,
Sanitary Commissioner for Bengal.

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	12th Sept. 1919	6 A.M. ...	26.27'	101.83'	128.10'	...	0.40'	123.30'	122.30'	
	12th "	6 " ...	28.25'	56.319'	84.369'	0.05'	...	81.01'	80.76'	
	12th "	8 hours ...	23.30'	...	...	0.30'	...	20.00'	23.80'	
Brahmaputra	12th "	8 A.M. ...	24.10'	148.76'	172.86'	1.10'	...	170.16'	173.06'	
	12th "	12 hours ...	37.40'	...	...	0.70'	...	...	...
	12th "	8 A.M. ...	18.90'	...	...	...	0.60'	...	...
Meghna	12th "	6 hours ...	15.17'	1.61'	16.78'	Steady		...	...
	12th "	7.30 " ...	12.50'	1.61'	14.11'	0.50'	...	...	...
	12th "	7 A.M. ...	24.60'	...	...	0.20'	...	...	...
Dhaleswari	12th "	7 " ...	26.70'	-8.62'	18.08'	0.30'	...	...	...
	12th "	6 " ...	27.84'	1.509'	29.349'	0.15'	...	23.23'	28.44'	
Damodar	12th "	6 " ...	11.58'	92.58'	104.16'	0.08'	...	...	...
Lakhya	12th "	...	21.39'	-5.59'	15.80'	0.14'	...	...	...
Madaripur Pil Route	12th "	6 A.M. ...	13.10'	-0.599'	12.501'	0.10'	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	13th Sept. 1919	6 A.M. ...	25.57'	101.83'	127.40'	...	0.70'	122.30'	121.10'	
	13th "	6 " ...	28.25'	56.319'	84.569'	Steady		81.11'	80.46'	
	13th "	8 hours ...	23.40'	...	...	0.10'	...	20.80'	23.70'	
Brahmaputra	13th "	8 A.M.	24.30'	148.76'	173.06'	0.20'	...	170.36'	172.86'	
	13th "	12 hours ...	37.80'	...	...	0.40'	...	...	...
	13th "	8 A.M. ...	18.10'	...	...	...	0.80'	...	...
Meghna	13th "	6 hours ...	15.33'	1.61'	16.94'	0.16'	...	...	...
	13th "	8 " ...	12.50'	1.61'	14.11'	Steady		...	...
	13th "	7 A.M. ...	24.70'	...	...	0.10'	...	...	...
Dhaleswari	13th "	7 " ...	27.10'	-8.62'	18.48'	0.40'	...	...	...
	13th "	6 " ...	28.07'	1.509'	29.579'	0.23'	...	23.43'	28.20'	
Damodar	13th "	6 " ...	10.83'	92.58'	103.41'	...	0.75'	...	...
	13th "	...	21.50'	-5.59'	15.91'	0.11'	...	...	...
Madariapur Bil Route	13th "	6 A.M. ...	13.20'	-0.399'	12.601'	0.10'	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	14th Sept. 1919	6 A.M. ...	24.77'	101.83'	126.60'	...	0.80'	122.00'	120.90'	
	14th " "	6 " "	27.85'	56.319'	84.163'	...	0.40'	81.11'	79.76'	
	14th " "	8 hours ...	23.60'	...	...	0.20'	...	20.90'	23.50'	
Brahmaputra	14th " "	8 A. M. ...	24.10'	148.76'	172.86'	...	0.20'	170.56'	174.46'	
	14th " "	6 hours ...	38.00'	...	...	0.20'	...	...	...
	14th " "	8 A.M. ...	17.50'	...	...	...	0.60'	...	...
Meghna	14th " "	6 hours ...	15.50'	1.61'	17.11'	0.17'	...	...	...
	14th " "	8-30 hours	12.42'	1.61'	14.03'	...	0.08'	...	...
	14th " "	7 A.M. ...	24.75'	...	...	0.05'	...	...	...
Dhaleswari	14th " "	7 " "	27.60'	- 8.62'	18.98'	0.50'	...	...	...
Bhagirathi	14th " "	6 " "	28.29'	1.509'	29.799'	0.22'	...	23.60'	28.00'	
Damodar	14th " "	6 " "	9.42'	92.58'	102.00'	...	1.41'	...	...
Lakhya	14th " "	...	21.54'	- 5.59'	15.95'	0.04'	...	...	...
Madaripur Bil Route	14th " "	6 A.M. ...	13.30'	- 0.599'	12.701'	0.10'	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	15th Sept. 1919	6 A.M. ...	24.17'	101.83'	126.00'	...	0.60'	122.00'	120.70'	
	15th "	6 " ...	27.35'	56.319'	83.669'	...	0.50'	80.86'	79.41'	
	15th "	8 hours ...	23.70'	...	...	0.10'	...	21.30'	23.30'	
Brahmaputra	15th "	8 A.M. ...	23.90'	148.76'	172.66'	...	0.20'	168.86'	172.66'	
	15th "	12 hours ...	38.10'	...	...	0.10'	...	...	...
	15th "	8 A.M. ...	17.10'	...	...	...	0.40'	...	...
	15th "	6 hours ...	15.58'	1.61'	17.19'	0.08'	...	...	...
Meghna	15th "	9 " ...	11.75'	1.61'	13.36'	...	0.67'	...	...
	15th "	7 A.M. ...	24.80'	...	...	0.05'	...	...	...
	15th "	7 " ...	27.90'	-8.62'	19.28'	0.30'	...	...	...
Dhaleswari	15th "	6 " ...	28.43'	1.509'	29.939'	0.14'	...	24.20'	27.88'	
Bhagirathi	15th "	6 " ...	8.92'	92.58'	101.50'	...	0.50'	...	...
Damodar	15th "	...	21.54'	-5.59'	15.95'	Steady	...	...	...
Lakhya	15th "	6 A.M. ...	13.30'	-0.599'	12.701'	Steady	...	...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above F. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	16th Sept. 1919	6 A.M.	23.27'	101.83'	125.10'	...	0.90'	121.70'	120.00'	
	16th "	6 "	26.70'	56.319'	83.019'	...	0.65'	80.96'	79.06'	
	16th "	8 hours	23.70'	...	...	Steady		21.20'	23.10'	
Brahmaputra	16th "	8 A.M.	23.40'	148.76'	172.16'	...	0.50'	168.26'	172.86'	
	16th "	12 hours	38.20'	...	...	0.10'	...	...	...
	16th "	8 A.M.	16.60'	...	...	...	0.50'	...	...
Meghna	16th "	6 hours	15.62'	1.61'	17.23'	0.04'	...	...	...
	16th "	9.30 "	11.75'	1.61'	13.36'	Steady		...	...
	16th "	7 A.M.	24.80'	...	...	Steady		...	...
Dhaleswari	16th "	7 "	28.10'	-8.62'	19.48'	0.20'	...	...	...
	16th "	6 "	28.52'	1.509'	30.029'	0.09'	...	24.63'	27.82'	
Bhagirathi	16th "	6 "	8.50'	92.58'	101.08'	...	0.42'	...	...
	16th "	...	21.54'	-5.59'	15.95'	Steady		...	...
Damodar	16th "	6 A.M.	13.30'	-0.599'	12.701'	Steady		...	...
	16th "	6 A.M.	13.30'	-0.599'	12.701'	Steady		...	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 18th September 1919.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IS—		REMARKS.
						Rise.	Fall.	1917.	1918.	
Ganges	18th Sept. 1919	6 A.M. ...	21.67	101.83	123.50	...	0.70	121.10	118.30	
	18th "	6 " ...	25.00	56.319	81.319	...	0.95	80.66	77.96	
	18th "	8 hours ...	23.40	...	...	...	0.20	21.10	22.60	
Brahmaputra	18th "	8 A.M. ...	22.10	148.76	170.86	...	0.80	167.76	173.96	
	18th "	12 hours ...	37.90	..	...	...	0.10	...	...
	18th "	8 A.M. ...	16.50	...	...	0.20	...	...	...
Meghna	18th "	6 hours	15.58	1.61	17.19	...	0.09	...	...
	18th "	11 " ...	11.25	1.61	12.86	...	0.50	...	...
	18th "	7 A.M. ...	24.75	...	...	Steady	...	...	...
Dhaleswari	18th "	7 " ...	28.30	-8.62	19.68	0.10	...	...	...
	18th "	6 " ...	28.50	1.509	30.009	...	0.02	24.83	27.76	
Lakhya	18th "	6 " ...	9.17	92.58	101.75	1.09	...	...	...
	18th "	...	21.44	-5.59	15.85	...	0.02	...	...
Madaripur Bil Route	18th "	6 A.M. ...	13.20	-0.599	12.601	Steady	...	...	...

Statement of Weekly Gauge-readings on the River Ganges at Rampur-Boalia for the week ending the 13th September 1919.

Date.	Hour.	Height of surface above or below zero : minus sign for those below zero.	Height of surface above mean sea-level according to P. W. D. datum.(a)	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.(a)	Remarks.
1919.					
7th September	8 A.M.	Zero of gauge is at mean sea-level.	61.10	59.61	B. M. on College step corrected (P. W. D.) 64.93.
8th "	8 "		61.50	59.61	
9th "	8 "		61.90	59.91	
10th "	8 "		62.25	60.11	
11th "	8 "		62.60	60.26	
12th "	8 "		62.75	60.21	
13th "	8 "		62.80	60.01	

(a) Datum corrected by adding 1.51 to the value of zero, vide Superintending Engineer's No. $\frac{2876}{8-33-17}$, dated 10th May 1919, and Bengal Government, Public Works Department, Irrigation Branch, Resolution No. 4521, dated 17th February 1919.

		Old value.	According to P. W. D. datum.
The previous year	Highest water-level	66.52 on 30th August 1918	61.71
Ditto	Lowest "	41.70 on 21st April 1918	36.89
Record	Highest "	69.25 on 26th August 1879	64.44
Do.	Ditto "	69.08 on 9th September 1885	64.27
Do.	Ditto "	68.34 on 25th August 1906	63.47
Do.	Ditto "	68.21 on 26th August 1890	63.40
Do.	Lowest "	37.63 on 25th April 1884	32.82
Do.	Ditto "	38.13 on 14th—15th April 1883	33.32
Do.	Ditto "	39.02 on 21st—22nd April 1897	34.21
Do.	Ditto "	39.28 on 6th—7th May 1908	34.47

N. B.—The gauge-readings commenced from the 1st August 1887.

BOALIA,
The 13th September 1919.

S. C. BHATTACHARJI,
for Executive Engineer, Rajshahi Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending 13th September 1919.

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1919.					
7th September	7 A.M.	22.1	22.1	24.3	Zero is placed at mean sea-level. The bench mark for the gauge is on a pucca pillar between the passenger ghât and Chandpore ghât. Its reduced level is 22.41.
8th "	7 "	22.4	22.4	24.2	
9th "	7 "	22.7	22.7	24.0	
10th "	7 "	22.9	22.9	23.8	
11th "	7 "	23.0	23.0	23.7	
12th "	7 "	23.3	23.3	23.8	
13th "	7 "	23.4	23.4	23.7	

The previous year	Highest water-level	25.2 on 1st September 1918.
Ditto	Lowest "	5.3 on 9th March 1918.
Record (H.F. in Brahmaputra and Ganges)	Highest "	25.75 on 26th August 1906.
Record (average flood in Brahmaputra and Ganges)	Ditto "	25.74 on 20th and 21st August 1893.
Record (H.F. in Brahmaputra and Ganges)	Ditto "	25.66 on 11th to 17th and 31st August and on 1st to 3rd September 1889.
Record (H.F. in Brahmaputra only)	Ditto "	25.66 on 31st July 1900.
Do.	Lowest "	1.0 on 8th February 1914.
Do.	Ditto "	2.42 on 13th March 1908.
Do.	Ditto "	2.91 on 21st to 24th February and 8th to 9th March 1884.
Do.	Ditto "	3.16 on 9th to 11th March 1885.
Do.	Ditto "	3.16 on 16th, 17th and 29th to 31st March 1901.

N. B.—The gauge-readings commenced from 3rd October 1902.

FARIDPUR,
The 14th September 1919.

R. K. GHOSE,
for Subdivisional Officer, P. W. D., Faridpur.

Statement showing the gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending the 13th September 1919.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 6 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1919.							
7th Sept.	63·6	...	...	...	...	63·7	
8th "	63·9	...	...	...	...	64·0	
9th "	64·05	...	...	...	...	64·2	
10th "	64·25	...	...	...	...	64·4	
11th "	64·6	...	...	...	...	64·7	
12th "	64·7	...	...	...	...	64·8	
13th "	65·0	...	...	...	...	65·0	

Notable high and low water-levels of previous years.

27th August	1906	70·5	} Taken at high tide
5th September	1909	...	...	...	...	67·86
10th August	1910	...	...	...	...	69·86
1st "	1911	...	...	...	...	68·46
18th "	1912	...	...	...	...	67·16
31st "	1915	...	...	...	...	69·7
18th "	1916	...	...	...	...	68·1
12th "	1917	67·1	} Taken at low tide.
31st "	1918	...	...	...	...	69·12
23rd February	1907	...	...	...	...	51·06
19th "	1908	...	...	...	...	51·06
12th March	1912	...	...	...	...	51·06
6th "	1914	...	...	...	...	50·60
22nd February	1915	...	...	...	...	50·30
15th "	1916	...	...	...	...	50·60
3rd March	1917	...	...	...	...	51·0
21st February	1918	...	...	...	...	51·40

DACCA,
The 15th September 1919.

W. J. KERR,
Executive Engr., Dacca Division.



The Calcutta Gazette

WEDNESDAY, OCTOBER 1, 1919.

SUPPLEMENT.

OFFICIAL PAPERS.

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LIBERALITY OF HAJI FAZIR MUHAMED TALUQDAR, OF BALIAJURI.

No. 537T.--Edn., dated Darjeeling the 20th September 1919.

From—THE HON'BLE MR. S. W. GOODE, Offg. Secy. to the Govt. of Bengal, General Department.

To—The Commissioner of the Dacca Division.

WITH reference to your letter No. 3336J., dated the 18th July 1919, I am directed to request that you will be so good as to convey the thanks of Government to Hazi Fazir Muhamed Taluqdar, of Baliajuri, police-station Madarganj, in the district of Mymensingh, for his liberality and public spirit in making a donation of Rs. 20,000 for the construction and equipment of a High English School at Baliajuri, in the district of Mymensingh.

RESOLUTION ON THE ANNUAL REPORTS BY THE PORT OFFICERS, CALCUTTA AND CHITTAGONG.

GOVERNMENT OF BENGAL.

MARINE DEPARTMENT.

Marine Branch.

CALCUTTA, THE 29TH SEPTEMBER 1919.

RESOLUTION—No. 3097 Marine.

READ—

- (1) The Annual Report by the Port Officer, Calcutta, on the working of his Department for the year 1918-19.
- (2) The Annual Report by the Port Officer, Chittagong, on the working of his Department for the year 1918-19.

PORT OF CALCUTTA.

Bengal Pilot Service.—The total strength of the Bengal Pilot Service was 58 against the sanctioned number of 74, of whom 17 were on long leave and on deputation to military duty. There were two casualties in the service during the year: one Mate Pilot died and a Branch Pilot retired from the service.

The difficulty in the recruitment of Leadsman Apprentices continued during the year; but the situation was carefully watched and all possible steps were taken in consultation with the various interests concerned and in frequent communication with the Government of India and the Secretary of State to secure as soon as possible a reasonable number of recruits for the service. The Secretary of State was able to send out six recruits just after the close of the year and the situation was improved considerably. Now that the war is over, no difficulty is apprehended in the future recruitment of suitable candidates. As mentioned in the review of the previous year's report a scheme for a system of guaranteed minimum remuneration for the Pilots was then under consideration with a view to compensate the Pilots for the decrease in their normal earnings owing to the war. This scheme was sanctioned by the Secretary of State with effect from the 1st April 1918 and is still in force. As the trade of the port improves it is likely that the normal earnings will gradually advance beyond the guaranteed minimum. To reimburse Government for the extra payment to be made to the Pilots under this scheme from the public funds, a 25 per cent. increase of the pilotage fees was sanctioned by Government as a temporary measure with effect from the 1st May 1918. The financial result of the imposition of this surcharge was carefully watched; and it was discontinued with effect from 1st December 1918. Steps were also taken to ensure that the members of the service deputed to Military Service occupied, on reversion to civil duty, the same place in the seniority list which they would have occupied had they not been so deputed, subject to the proviso that they successfully passed at a subsequent date the departmental examinations prescribed by the rules.

2. **Vessels piloted.**—The number of vessels piloted inwards was 950 with a gross tonnage of 3,717,543 and the same number outwards with a gross tonnage of 3,685,156 against 899 and 898 with a gross tonnage of 3,441,569 and 3,420,131, respectively, in the previous year. Vessels drawing over 21 feet piloted inwards and outwards were 296 and 608 against 299 and 544, respectively, in the preceding year.

As in the previous year only one inward-bound vessel was neaped for want of sufficient depth of water over the bars.

Seventeen vessels were detained at the Sandheads for want of Pilots against three and five in the two previous years.

3. **Pilotage receipts.**—The receipts from pilotage fees realised during the year amounted to Rs. 10,42,874 against Rs. 8,63,709 in the previous year. The improvement in receipts was partly due to vessels of larger tonnage visiting the port.

4. **Casualties to vessels.**—Twenty-seven cases of groundings occurred during the year against 12 in the previous year, resulting in the sinking of one steamer. Three of these cases were due to error of judgment and one to inattention on the part of the Pilots concerned. There was one case of collision in which a brig was damaged against two in the previous year. The pilot in charge is not held to blame.

5. **Courts of Enquiry.**—Two cases of casualties only were referred to Special Courts of Enquiry against three in the previous year.

6. **Examinations.**—Fifty-one candidates sat for the examinations for Colonial and Home Trade Certificates of Competency as Master, Mate or Engineer of sea-going vessels of whom 24 passed. Out of the total number of 555 candidates, 192 passed the examinations for certificates of competency as Master, Serang, Engineer and Engine-driver under the Inland Steam Vessels Act, I of 1917.

There were 145 candidates for certificates of competency as Second Class Master, Serang or Engine-driver of an inland steam vessel in Mesopotamian waters, of whom 98 passed.

7. Captain D. F. Vines, O.B.E., R.I.M., held the office of the Port Officer and Shipping Master throughout the year except for a period of about two months when he was on war leave. Commander G. H. S. LaTouche, O.B.E., R.I.M., and Mr. S. H. Reaks, M.B.E., held the office of Deputy Port Officer and Senior Deputy Shipping Master and Assistant Port Officer and Deputy Shipping Master, respectively, during the year.

The office of First Engineer and Shipwright Surveyor was held successively by Engineer Commander C. F. Laslett, M.B.E., R.I.M., and Engineer Commander C. T. Amor, R.I.M.

8. The Governor in Council takes this opportunity of recording his appreciation of the valuable services rendered by Captain Vines during this last year of the war which was one of particular difficulty.

PORT OF CHITTAGONG.

Arrivals and departures of vessels.—The total number of vessels that entered the port was 709, of which 142 were sea-going vessels, 462 inland steamers and 105 native sailing ships, with a total gross tonnage of 309,690 as against the total number of 600 vessels with a gross tonnage of 312,851 in the previous year. The total number of departures was 706, including 144 sea-going vessels, 460 inland steamers and 102 native craft, with a total gross tonnage of 311,288 as against the total number of 602 vessels with a gross tonnage of 313,068 in the previous year.

Casualties to vessels.—There were four casualties to vessels of which three resulted in the total loss of the vessels and one was a case of fire on board.

Examinations.—Candidates numbering 128 appeared for the examinations for certificates of competency as Master, Serang, Engineer or Engine-driver under the Inland Steam Vessels Act, I of 1917, of whom 64 passed.

Mr. McKenna, the Collector of Customs, Chittagong, was in charge of the Department throughout the year in addition to his own duties. The Port Officer has specially brought to notice the valuable services rendered by Engineer Lieutenant Commander G. Hull, R.I.M., Engineer and Shipwright Surveyor, and Messrs. Chudleigh and Lockhart, Harbour Masters, in connection with the fire that broke out on board the H. M. S. "Sphinx."

By order of the Governor in Council,

F. A. A. COWLEY,

Secy. to the Govt. of Bengal.

**GRANT OF CONCESSIONS IN THE MATTER OF CIVIL
APPOINTMENTS UNDER GOVERNMENT TO THOSE WHO
HAVE RENDERED SERVICE IN CONNECTION WITH THE
PROSECUTION OF THE WAR.**

GOVERNMENT OF BENGAL.

POLITICAL DEPARTMENT.

Political Branch.

DARJEELING, THE 22ND SEPTEMBER 1919.

RESOLUTION—No. 2706P.—D.

THE question of granting concessions in the matter of securing civil appointments under Government to those persons who have rendered service in connection with the prosecution of the war has been under the consideration of Government, and the Governor in Council is pleased to make the following announcements in addition to those already made in Government Resolution No. 2184P.-D., dated the 27th July 1918 :—

1. The following kinds of service shall be deemed to be service in the prosecution of the war—

- (a) Service in the combatant ranks of the army.
- (b) All other service involving subjection to military law under the Army Act, or the India Army Act, and service in the Indian Branch of the Indian Defence Force.
- (c) Clerical and other service under military and munitions authorities (i) overseas and (ii) in India.

Preferential treatment shall be given to the various kinds of service in the order indicated above, and persons who have rendered active service shall be given preference over those who have not. In order to make good a claim to preferential treatment an applicant must satisfy the authority making the appointment that the service rendered was whole-time service and was also approved service.

2. In pursuance of these decisions every person who has rendered service of the character described above shall be permitted to deduct from his age for the purpose of article 51, Civil Service Regulations, the period of such service rendered up to the date of his release from military or other duties, and, if invalided from such service, he shall be permitted to include for the purposes of deduction the period from the time when he was invalided up to the date on which the war may be declared to have ended under the provisions of the Termination of the Present War (Definition) Act, 1918, 8 and 9 George V, Chap. 59.

3. Notwithstanding any rules or executive orders prescribing educational, professional or technical qualifications, any person who has rendered service of the nature already described and has been prevented thereby from acquiring such qualifications may, at the discretion of the authority competent to make an appointment for which such qualifications are required, be admitted to such appointment, provided that the educational, professional and technical attainments which he possesses are deemed sufficient for the adequate performance of the duties of the appointment.